

## Case 238 : Narrative

Case Vehicle (A): 1999 Mercury	Vehicle (B): 2000 Chevrolet	Vehicle (C): 2000 Pontiac
Type: Sable GS, 4-door sedan	Type: Malibu LS, 4-door sedan	Type: Grand Prix, 4-door sedan
Driver: 33-year-old male	Driver: 63-year-old female	Driver: 34-year old female
CDC: 01-FDEW-2, 99-0000-0	CDC: 10-LBEW-4, 03-RBAN-3	CDC: 09-LPEW-1

### SITUATION

[1](#) [2](#) On a clear day, case vehicle (A) was traveling east at an unknown speed on a five-lane asphalt road in the right eastbound lane in an urban area. The road surface was dry, it was dark and lighted, and the speed limit was 45 mph (72 kph). Vehicle (B) was traveling north at an unknown speed in the right northbound lane of an intersecting five-lane roadway, and was approaching a four-leg intersection that is equipped with a traffic light. [3](#) As vehicle (B) entered the intersection, the driver of case vehicle (A) also entered the intersection and struck the left rear of vehicle (B) with its front end. After the impact, case vehicle (A) continued to travel east, rotated counterclockwise, and crossed the centerline. Vehicle (C) was stopped facing west in the left westbound lane. Case vehicle (A) then entered the left westbound lane, where it struck the left side of vehicle (C) with its front end. After the impact, vehicle (B) rotated counterclockwise and exited the northeast corner of the intersection and struck a utility pole with its right rear. Case vehicle (A) was towed from the scene and the driver was transported to a local hospital. The driver of case vehicle (A) had a blood alcohol content of .29 percent at the hospital.

## **GENERAL VEHICLE DAMAGE AND ESTIMATED CRASH SEVERITIES**

[4](#) The direct damage to case vehicle (A) began at the left-front bumper corner and extended 148 cm across the entire front of the vehicle. Both impacts were to the front of case vehicle (A), but the first impact probably caused the majority of the frontal damage. The maximum crush was 29 cm to the center portion of the front bumper.

[5](#) The direct damage to vehicle (B) began at the left-rear bumper corner and extended 127 cm forward along the left quarter panel. The maximum crush was 57 cm to the left quarter panel. The upper and lower portions of the left C-pillar were deformed, and the left-rear door was damaged and jammed closed, but the door window was not broken. The left quarter panel was severely damaged and pushed to the right, the trunk lid was deformed, and the rear bumper was damaged. Also, the left-rear wheel was damaged and the left wheelbase was increased 4 cm. In addition, the rear backlight window was broken. [6](#) The impact with the utility pole was moderate with direct damage extending along the right quarter panel. The direct damage from this impact was 31 cm with a maximum crush of 21 cm.

[7](#) The direct damage to vehicle (C) began 104 cm rearward of the left-front axle and extended across both left-side door panels. The maximum crush was 11 cm to the left-rear door panel. Both doors were damaged, but were operable. There was no other damage to vehicle (C).

[8](#) [9](#) [10](#) [11](#) [12](#) [13](#) [14](#) [15](#) [16](#) [17](#) [18](#) [19](#) Using the WinSMASH accident-reconstruction program and c-values measured for both vehicles, the following impact severities were calculated for the first frontal impact with vehicle (B):

Vehicle	Variable	Calculated Velocity Change - kph (mph)		
		Total	Longitudinal	Latitudinal
Case Vehicle (A)	delta V	25 (15)	-21 (-13)	-12 (-8)
Vehicle (B)	delta V	24 (15)	-12 (-8)	21 (13)

## DESCRIPTION OF DAMAGE TO CASE VEHICLE (A)

### Exterior

[20](#) The front bumper was crushed, the grille was damaged, and both headlight assemblies were broken. [21](#) The hood was deformed, but was operable. [22](#) [23](#) There was no damage to the hood latch or hood hinges. The rear edge of the hood was elevated and it contacted and cracked the left-lower portion of the windshield. [24](#) The right portion of the windshield was also cracked due to contact by the passenger frontal-impact airbag cover.

[25](#) [26](#) On the left side, the front fender was deformed. [27](#) There was no deformation to the door panels and both doors were operable. [28](#) There was no other damage to the left side, and no change in the left wheelbase.

[29](#) On the right side, the front fender was deformed. [30](#) There was no deformation to the door panels and both doors were operable. [31](#) There was no other damage to the right side and no change in the right wheelbase.

[32](#) There was no damage to the rear of case vehicle (A).

### Interior

[33](#) This vehicle is equipped with steering-wheel and passenger frontal-impact airbags, which deployed, probably during the first frontal impact. [34](#) [35](#) There was no damage to

the steering-wheel rim and no rotation of the steering column. [36](#) [37](#) There was no damage to the left side of the upper or mid portions of the instrument panel, or to the knee bolster. [38](#) There was a light scuff mark on the right-center portion of the knee bolster, indicating possible contact by the driver. [39](#) [40](#) There was no damage to the center portion of the instrument panel or glove compartment area. [41](#) There was no damage to the foot controls or floor in the driver area. [42](#) [43](#) [44](#) The passenger frontal-impact airbag cover contacted and cracked the right portion of the windshield. [45](#) [46](#) [47](#) There was no damage or evidence of contact to the roof, windshield, and header areas. No intrusions were noted.

## **OCCUPANT KINEMATICS AND INJURIES**

[48](#) The 5-ft, 10-in, 175-lb, 33-year-old male driver was *not* wearing the three-point belt. [49](#) [50](#) No evidence of belt use was found on the belt webbing, the D-ring, or the latch assembly. The driver reportedly had the seat adjusted to the rear-track position, but did not know where his hands or feet were placed before or during the crash.

[51](#) During the frontal impact, he moved forward and to the right relative to the vehicle interior, into the airbag. He sustained thoracic and lumbar spine strain, due to impact forces during this multiple-impact crash. [52](#) [53](#) A scuff mark to the knee bolster indicates that the driver's knee probably contacted it, but no injury was noted.

The following table [54](#) and attached drawing summarize the injuries for the driver.

Occupant: Driver	Age: 33 years	Gender: Male		
Restraints: 3-point belt <i>not</i> worn; airbag deployed	Stature: 178 cm (5 ft, 10 in)	Mass: 79 kg (175 lb)		
Injury Description	A.I.S.	Injury Source		
		Definite	Probable	Possible
—	—	—	—	—
Strain, thoracic spine	1	Impact forces	—	—
Strain, lumbar spine	1	Impact forces	—	—
Maximum A.I.S. Level	1	—	—	—
Injury Severity Score	2	—	—	—

CASE NO.: 238-01

CASE VEHICLE: 1999 Mercury

TYPE: Sable GS, 4-door sedan

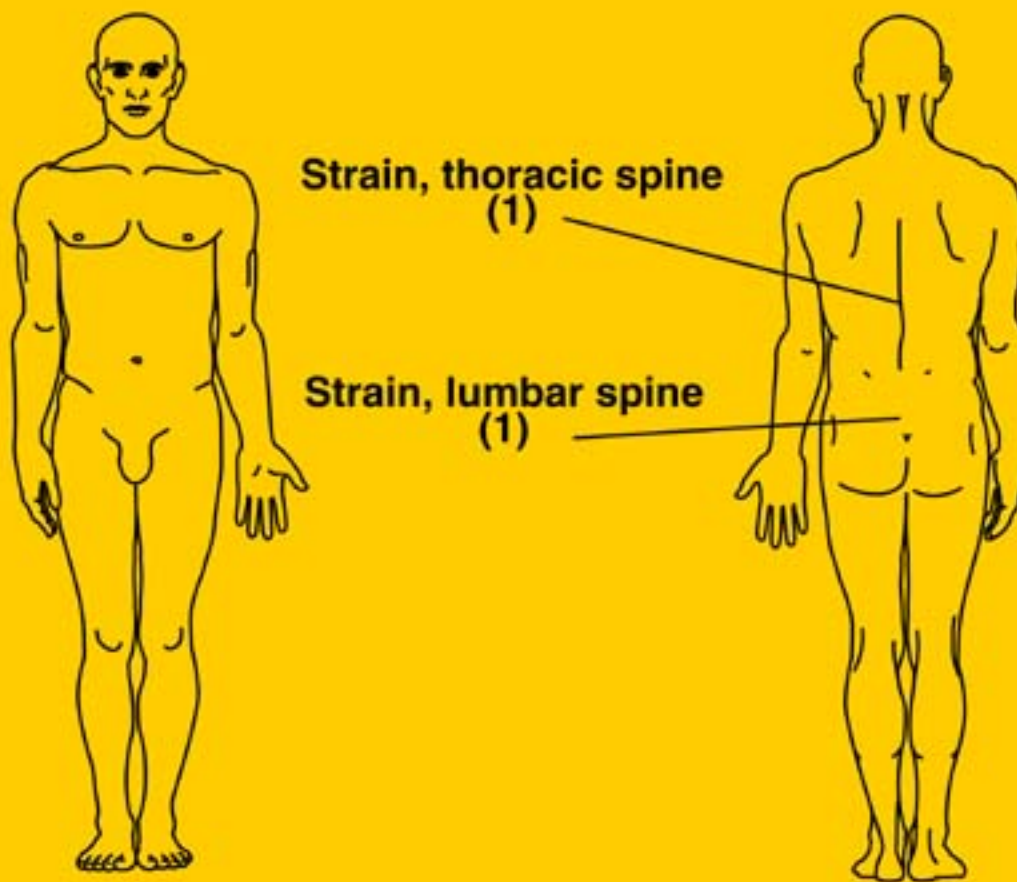
OCCUPANT: (Driver) 33-year-old male

STATURE: 178 cm ( 5 ft, 10 in)    MASS: 79 kg (175 lb)

RESTRAINTS: 3-point belt not worn; airbag deployed

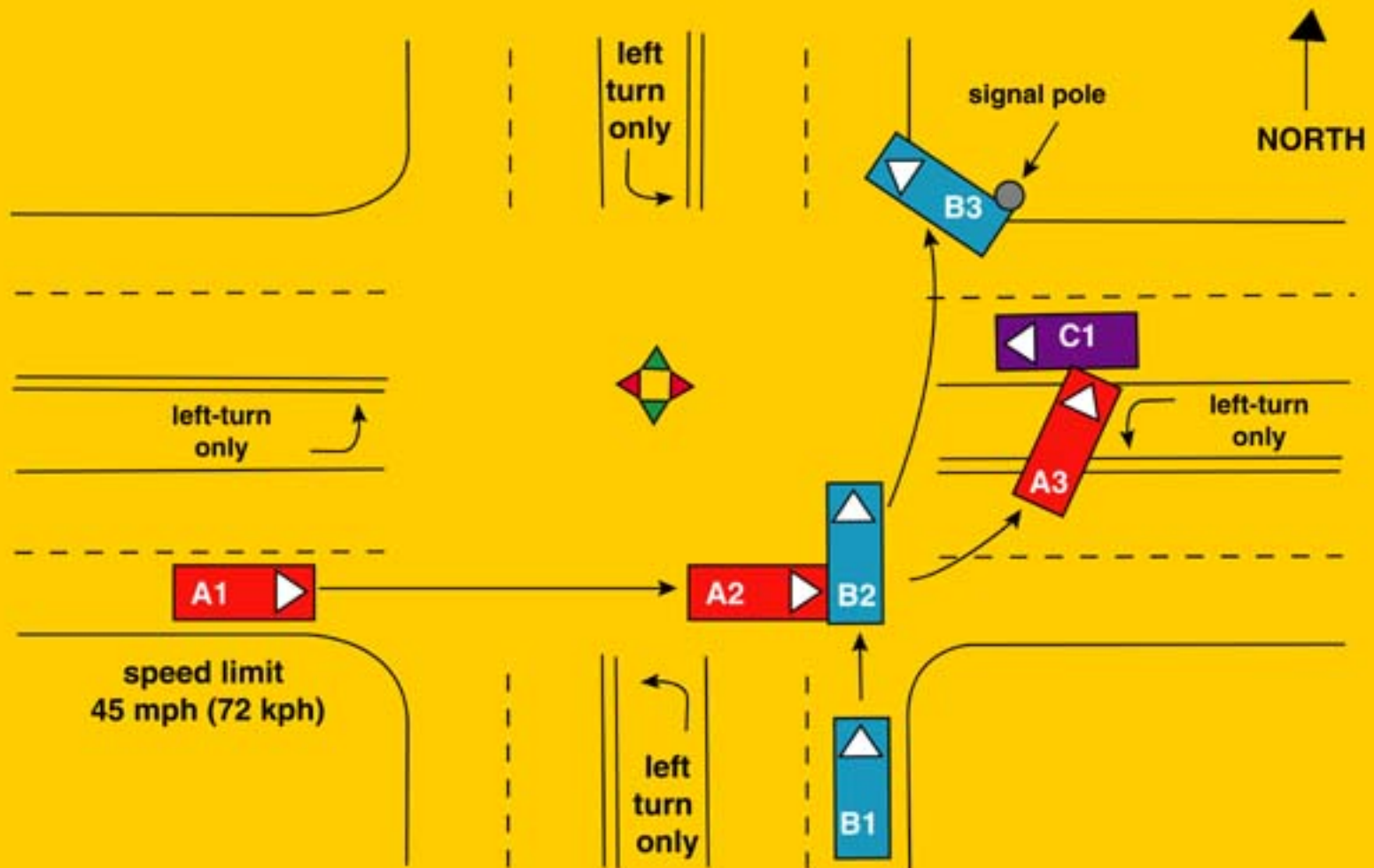
SEVERITY:    MAIS - 1            ISS - 2

**.29 percent blood alcohol**



Case No.: 238-01  
Case Veh. (A): 1999 Mercury  
Type: Sable GS, 4-door sedan  
Driver: 33-year-old male  
Veh. (B): 2000 Chevrolet Malibu LS, 4-door sedan  
Veh. (C): 2000 Pontiac Grand Prix, 4-door sedan

Weather: Clear  
Road Surface: Dry  
Road Construction: Asphalt  
Light Condition: Dark/Lighted



# Vehicle Report

## General

### Conditions

Variable Number and Name	Code Value	Code Description	Other Options
V206 — Urban/Rural Area	1	Urban	<a href="#">more</a>
V207 — Limited Access Highway	0	No	<a href="#">more</a>
V208 — Road Total Lanes	4	4 lanes or more	<a href="#">more</a>
V209 — Intersecting Road Total Lanes	4	4 lanes or more	<a href="#">more</a>
V210 — Road Surface Type	1	Asphalt	<a href="#">more</a>
V211 — Road Defects	0	No	<a href="#">more</a>
V212 — Construction Zone	0	No	<a href="#">more</a>
V213 — Road Alignment Vertical Plane	1	Level	<a href="#">more</a>
V214 — Road Alignment Horizontal Plane	1	Straight	<a href="#">more</a>
V215 — Surface Covering	10	Dry	<a href="#">more</a>
V216 — Visibility Limitation	0	None	<a href="#">more</a>
V217 — Visibility Obstruction	0	None	<a href="#">more</a>
V218 — Speed Limit	4	71-79 km/h .. 45 mph	<a href="#">more</a>
V219 — Precipitation Type	0	None	<a href="#">more</a>
V220 — Precipitation Rate	8	Not applicable	<a href="#">more</a>
V221 — Temperature	9	Unknown	<a href="#">more</a>
V222 — Crosswind	9	Unknown	<a href="#">more</a>
V223 — Light Conditions	4	Dark, lighted	<a href="#">more</a>
V224 — Mechanical Malfunction Mention	0	No	<a href="#">more</a>
V225 — Case Vehicle and Object	0	No	<a href="#">more</a>



V226 — Case Vehicle Rollover	0	No	<a href="#">more</a>
V227 — Case Vehicle Ran Off Roadway	0	No	<a href="#">more</a>
V228 — Moving Case Vehicle/Contacted Moving Vehicle	1	Yes	<a href="#">more</a>
V229 — Case Vehicle/Contacted Stopped Vehicle	1	Yes	<a href="#">more</a>
V230 — Stopped Case Vehicle/Contactd Vehicle	0	No	<a href="#">more</a>
V231 — Total Vehicles Hit By Case Vehicle	2	2 vehicles	<a href="#">more</a>
V232 — Any Fire in Crash	0	No	<a href="#">more</a>
V233 — Max Police Severity-PAR	3	A - Incapacitating Injury	<a href="#">more</a>
V234 — Driver Alcohol Involvement	1	Had been drinking	<a href="#">more</a>
V235 — Driver Alcohol BAC	29	—	—
V236 — Driver Impairment Mention	0	No	<a href="#">more</a>
V237 — Driven/Towed From Scene	2	Towed Due to Damage	<a href="#">more</a>

## Other Vehicle

Variable Number and Name	Code Value	Code Description	Other Options
V301 — Other Vehicle VIN	1G1NE52J3 Y63	—	—
V302 — Other Vehicle Manufacturer/Body Code	11328	—	—
V303 — Other Vehicle Manufacturer	113	Chevrolet	<a href="#">more</a>
V304 — Other Vehicle Body Code	28	Intermediate 105-109.9 in. wb.	<a href="#">more</a>
V305 — Other Vehicle Make/Model	0153	Malibu	<a href="#">more</a>
V306 — Other Vehicle Model Year	2000	—	—
V307 — Other Vehicle Mass	001384 kg	—	—
V308 — Other Vehicle Number	0	No separate report	<a href="#">more</a>
V309 — Other Vehicle Number of Occupants	03	—	—
V310 — Other Vehicle Traveling Speed	999	Unknown	<a href="#">more</a>
V311 — Highest Police Injury Severity	3	A - Incapacitating Injury	<a href="#">more</a>
V312 — Other Vehicle Type	28	Intermediate 105-109.9 in. wb.	<a href="#">more</a>
V313 — Other Vehicle Wheelbase (cm)	272 cm	—	—
V314 — Average Track Width	151 cm	—	—
V315 — Overall Length	484 cm	—	—
V316 — Overall Width (OAW)	176 cm	—	—
V317 — Front Overhang (FOH)	101 cm	—	—
V318 — Rear Overhang (ROH)	112 cm	—	—
V319 — Undeformed End Width (UEW)	144 cm	—	—
V320 — Engine Displacement	3.1 l	—	—
V321 — Engine: Number of Cylinders	06	—	—
V322 — Direct Damage Length (DDL)	999	Unknown	<a href="#">more</a>
V323 — Front-End Overlap % (FEO)	99	Missing or Not applicable	<a href="#">more</a>
V324 — Vehicle Overlap % (VOL)	99	Missing or Not applicable	<a href="#">more</a>

## Case Vehicle

### General

Variable Number and Name	Code Value	Code Description	Other Options
V401 — VIN	1MEFM50UXXA6	—	—
V402 — Manufacturer/Body Code	12228	—	—
V403 — Vehicle Manufacturer	122	Lincoln-Mercury	<a href="#">more</a>
V404 — Vehicle Body Code	28	—	—
V405 — Make/Model Code	0959	Sable	<a href="#">more</a>
V406 — Model Year	1999	—	—
V407 — Vehicle Mass	001481 kg	—	—
V408 — Odometer Reading	053393 miles	—	—
V409 — Number of Occupants	01	—	—
V410 — Traveling Speed	999	Unknown	<a href="#">more</a>
V411 — Body Type	14	4-door sedan	<a href="#">more</a>
V412 — Stolen Vehicle	8	Not currently collected	<a href="#">more</a>
V413 — Body Structure	2	Unitized	<a href="#">more</a>
V414 — Transmission Type	1	Automatic	<a href="#">more</a>
V415 — Transmission Lever Location	3	Column	<a href="#">more</a>
V416 — Steering	1	Power	<a href="#">more</a>
V417 — Brakes	1	Power	<a href="#">more</a>
V418 — Brake Type	3	Disc - all wheels	<a href="#">more</a>
V419 — Brake Anti-lock Device	2	Four-wheel	<a href="#">more</a>
V420 — Air Conditioning in Vehicle	8	Not currently collected	<a href="#">more</a>
V421 — Drive Type	2	Front wheel	<a href="#">more</a>
V422 — Dual Rear Wheels	0	No	<a href="#">more</a>
V423 — Original Restraint System Type	3	Airbag	<a href="#">more</a>

V424 — Equipped With Roll Bar	0	No	<a href="#">more</a>
V425 — Roof Type	1	Solid	<a href="#">more</a>
V426 — Wheelbase	276 cm	—	—
V427 — Anti-lacerative Glass	0	None	<a href="#">more</a>
V428 — Average Track Width	157 cm	—	—
V429 — Overall Length	508 cm	—	—
V430 — Overall Width (OAW)	185 cm	—	—
V431 — Front Overhang	105 cm	—	—
V432 — Rear Overhang	127 cm	—	—
V433 — Undeformed End Width (UEW)	148 cm	—	—
V434 — Engine Displacement	3.0 l	—	—
V435 — Engine: Number of Cylinders	06	—	—
V436 — Direct Damage Length (DDL)	148 cm	—	—
V437 — Front End Overlap % (FEO)	98	98% or more	<a href="#">more</a>
V438 — Vehicle Overlap % (VOL)	98	98% or more	<a href="#">more</a>

## Case Vehicle

### Damage

#### Description

Variable Number and Name	Code Value	Code Description	Other Options
V501 — Maximum Crush - Front	029 cm	—	—
V502 — Maximum Crush - Right Side	000 cm	No crush (or less than 1 cm.)	<a href="#">more</a>
V503 — Maximum Crush - Rear	000 cm	No crush (or less than 1 cm.)	<a href="#">more</a>
V504 — Maximum Crush - Left Side	000 cm	No crush (or less than 1 cm.)	<a href="#">more</a>
V505 — Maximum Crush - Roof	000 cm	No crush (or less than 1 cm.)	<a href="#">more</a>
V506 — Maximum Crush - Other	000 cm	No crush (or less than 1 cm.)	<a href="#">more</a>
V507 — Are Events In Chronological Order	1	Yes	<a href="#">more</a>
V508 — Event 1 Impact Location	1	On Roadway	<a href="#">more</a>
V509 — Event 1 Impact Configuration	13	FRONT of case veh - SIDE of contacted Vehicle	<a href="#">more</a>
V510 — Event 1 Object/Vehicle Contacted	28	Intermediate 105-109.9 in. wb.	<a href="#">more</a>
V511 — Event 2 Impact Location	1	—	—
V512 — Event 2 Impact Configuration	13	FRONT of case veh - SIDE of contacted Vehicle	<a href="#">more</a>
V513 — Event 2 Object/Vehicle Contacted	29	Full 110-114.9 in. wb.	<a href="#">more</a>
V514 — Event 3 Impact Location	8	No 3rd event	<a href="#">more</a>
V515 — Event 3 Impact Configuration	88	No 3rd event	<a href="#">more</a>
V516 — Event 3 Object/Vehicle Contacted	00	No object/vehicle contacted	<a href="#">more</a>
V517 — Event 4 Impact Location	8	No 4th event	<a href="#">more</a>
V518 — Event 4 Impact Configuration	88	No 4th event	<a href="#">more</a>

V519 — Event 4 Object/Vehicle Contacted	00	No object/vehicle contacted	<a href="#">more</a>
V520 — Event 5 Impact Location	8	No 5th event	<a href="#">more</a>
V521 — Event 5 Impact Configuration	88	No 5th event	<a href="#">more</a>
V522 — Event 5 Object/Vehicle Contacted	00	No object/vehicle contacted	<a href="#">more</a>
V523 — Event 6 Impact Location	8	No 6th event	<a href="#">more</a>
V524 — Event 6 Impact Configuration	88	No 6th event	<a href="#">more</a>
V525 — Event 6 Object/Vehicle Contacted	00	No object/vehicle contacted	<a href="#">more</a>
V526 — Event 7 Impact On Road	8	No 7th event	<a href="#">more</a>
V527 — Event 7 Impact Configuration	88	No 7th event	<a href="#">more</a>
V528 — Event 7 Object/Vehicle Contacted	00	No object/vehicle contacted	<a href="#">more</a>
V529 — Primary CDC Case Vehicle -event Number	1	Event 1	<a href="#">more</a>
V530 — Primary CDC Case Vehicle - impact speed	999	Unknown	<a href="#">more</a>
V531 — Primary CDC Case Vehicle - Estimated By	1	Investigator	<a href="#">more</a>
V532 — Primary CDC Case Vehicle -crush	029	—	—
V533 — Primary CDC Case Vehicle -clock #1	01	1 o'clock	<a href="#">more</a>
V534 — Primary CDC Case Vehicle letter 1 #1	06	F - Front	<a href="#">more</a>
V535 — Primary CDC Case Vehicle letter 2 #1	04	D - Distributed (Side or End)	<a href="#">more</a>
V536 — Primary CDC Case Vehicle letter 3 #1	05	E - Everything below belt line	<a href="#">more</a>
V537 — Primary CDC Case Vehicle letter 4 #1	23	W - Wide impact area	<a href="#">more</a>
V538 — Primary CDC Case Vehicle Extent #1	02	Extent 2	<a href="#">more</a>
V539 — Primary CDC Case Vehicle -CDC #1	01FDEW2	—	—

V541 — Primary CDC Case Vehicle letter 1 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V542 — Primary CDC Case Vehicle letter 2 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V543 — Primary CDC Case Vehicle letter 3 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V544 — Primary CDC Case Vehicle letter 4 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V545 — Primary CDC Case Vehicle Extent #2	00	Missing Data/Not applicable	<a href="#">more</a>
V546 — Primary CDC Case Vehicle -CDC #2	9800000	—	—
V547 — Primary CDC Contacted Vehicle - Impact Speed	999	Unknown	<a href="#">more</a>
V548 — Primary CDC Contacted Vehicle - Estimated By	1	Investigator	<a href="#">more</a>
V549 — Primary CDC Contacted Vehicle -crush	057	—	—
V550 — Primary CDC Contacted Vehicle -clock #1	10	10 o'clock	<a href="#">more</a>
V551 — Primary CDC Contacted Vehicle letter 1 #1	12	L - Left Side	<a href="#">more</a>
V552 — Primary CDC Contacted Vehicle letter 2 #1	02	B - Side Rear (Left or Right) or rear of cab to rear of	<a href="#">more</a>
V553 — Primary CDC Contacted Vehicle letter 3 #1	05	E - Everything below belt line	<a href="#">more</a>
V554 — Primary CDC Contacted Vehicle letter 4 #1	23	W - Wide impact area	<a href="#">more</a>
V555 — Primary CDC Contacted Vehicle Extent #1	04	Extent 4	<a href="#">more</a>
V556 — Primary CDC Contacted Vehicle -CDC #1	10LBEW4	—	—
V558 — Primary CDC Contacted Vehicle letter 1 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V559 — Primary CDC Contacted Vehicle letter 2 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V560 — Primary CDC Contacted Vehicle letter 3 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V561 — Primary CDC Contacted Vehicle letter 4 #2	00	Missing Data/Not applicable	<a href="#">more</a>

V562 — Primary CDC Contacted Vehicle Extent #2	00	Missing Data/Not applicable	<a href="#">more</a>
V563 — Primary CDC Contacted Vehicle -CDC #2	9800000	—	—
V564 — Secondary CDC Case Vehicle - Event No	2	Event 1	<a href="#">more</a>
V565 — Secondary CDC Case Vehicle - Impact Speed	999	Unknown	<a href="#">more</a>
V566 — Secondary CDC Case Vehicle - Estimated By	1	—	—
V567 — Secondary CDC Case Vehicle -crush	999	Unknown	<a href="#">more</a>
V568 — Secondary CDC Case Vehicle -clock #1	99	Unknown or no damage	<a href="#">more</a>
V569 — Secondary CDC Case Vehicle letter 1 #1	00	Missing Data/Not applicable	<a href="#">more</a>
V570 — Secondary CDC Case Vehicle letter 2 #1	00	Missing Data/Not applicable	<a href="#">more</a>
V571 — Secondary CDC Case Vehicle letter 3 #1	00	Missing Data/Not applicable	<a href="#">more</a>
V572 — Secondary CDC Case Vehicle letter 4 #1	00	Missing Data/Not applicable	<a href="#">more</a>
V573 — Secondary CDC Case Vehicle Extent #1	00	Missing Data/Not applicable	<a href="#">more</a>
V574 — Secondary CDC Case Vehicle -CDC #1	9900000	—	—
V576 — Secondary CDC Case Vehicle letter 1 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V577 — Secondary CDC Case Vehicle letter 2 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V578 — Secondary CDC Case Vehicle letter 3 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V579 — Secondary CDC Case Vehicle letter 4 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V580 — Secondary CDC Case Vehicle Extent #2	00	Missing Data/Not applicable	<a href="#">more</a>
V581 — Secondary CDC Case Vehicle -CDC #2	9900000	—	—
V582 — Secondary CDC Contacted Vehicle - Impact Speed	999	Unknown	<a href="#">more</a>



V583 — Secondary CDC Contacted Vehicle - Estimated By	1	—	—
V584 — Secondary CDC Contacted Vehicle -crush	011	—	—
V585 — Secondary CDC Contacted Vehicle -clock #1	09	9 o'clock	<a href="#">more</a>
V586 — Secondary CDC Contacted Vehicle letter 1 #1	12	L - Left Side	<a href="#">more</a>
V587 — Secondary CDC Contacted Vehicle letter 2 #1	16	P - Side Center Section (Left or Right)	<a href="#">more</a>
V588 — Secondary CDC Contacted Vehicle letter 3 #1	05	E - Everything below belt line	<a href="#">more</a>
V589 — Secondary CDC Contacted Vehicle letter 4 #1	23	W - Wide impact area	<a href="#">more</a>
V590 — Secondary CDC Contacted Vehicle Extent #1	01	Extent 1	<a href="#">more</a>
V591 — Secondary CDC Contacted Vehicle -CDC #1	09LPEW1	—	—
V593 — Secondary CDC Contacted Vehicle letter 1 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V594 — Secondary CDC Contacted Vehicle letter 2 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V595 — Secondary CDC Contacted Vehicle letter 3 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V596 — Secondary CDC Contacted Vehicle letter 4 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V597 — Secondary CDC Contacted Vehicle Extent #2	00	Missing Data/Not applicable	<a href="#">more</a>
V598 — Secondary CDC Contacted Vehicle -CDC #2	9800000	—	—

## Crash Severity

Variable Number and Name	Code Value	Code Description	Other Options
V601 — Case Vehicle Primary Impact Number	1	—	—
V602 — Primary Impact Total Delta-V	025 kph	—	—
V603 — Primary Case Vehicle Reconstructed Longitudinal Delta-V	-021 kph	—	—
V604 — Primary Case Vehicle Reconstructed Lateral Delta-V	-012 kph	—	—
V605 — Primary Case Vehicle Reconstructed Crush Energy	0036 kJ	—	—
V606 — Primary Impact Case Vehicle -reconstruction	22	Reconstructed, moderate confidence level	<a href="#">more</a>
V607 — Primary Case Vehicle Reconstruction Mode	2	CDC & detailed damage	<a href="#">more</a>
V608 — Primary Contacted Vehicle Reconstructed Total Delta-V	024 kph	—	—
V609 — Primary Contacted Vehicle Reconstructed Longitudinal Delta-V	-012 kph	—	—
V610 — Primary Contacted Vehicle Reconstructed Lateral Delta-V	0021 kph	—	—
V611 — Primary Contacted Vehicle Reconstructed Crush Energy	0109 kJ	—	—
V612 — Case Vehicle Secondary Impact Number	2	—	—
V613 — Secondary Case Vehicle Reconstructed Total Delta-V	999	Unknown	<a href="#">more</a>
V614 — Secondary Case Vehicle Reconstructed Longitudinal Delta-V	9999	—	—
V615 — Secondary Case Vehicle Reconstructed Lateral Delta-V	9999	—	—
V616 — Secondary Case Vehicle Reconstructed Crush Energy	9999	—	—
V617 — Secondary Case Vehicle Reconstruction Note	02	Insufficient data	<a href="#">more</a>

V618 — Secondary Case Vehicle Reconstruction Mode	5	Not reconstructed	<a href="#">more</a>
V619 — Secondary Contacted Vehicle Reconstructed Total Delta-V	999	Unknown	<a href="#">more</a>
V620 — Secondary Contacted Vehicle Reconstructed Longitudinal Delta-V	9999	—	—
V621 — Secondary Contacted Vehicle Reconstructed Lateral Delta-V	9999	—	—
V622 — Secondary Contacted Vehicle Reconstructed Crush Energy	9999	—	—
V623 — Case Vehicle Primary Impact Number	1	—	—
V624 — Primary Case Vehicle Reconstructed Total EBS	020 kph	—	—
V625 — Primary Case Vehicle Reconstructed Longitudinal EBS	-017 kph	—	—
V626 — Primary Case Vehicle Reconstructed Lateral EBS	-010 kph	—	—
V627 — Primary Case Vehicle Reconstructed Crush Energy	0036 kJ	—	—
V628 — Primary Case Vehicle Reconstruction Note	22	Reconstructed, moderate confidence level	<a href="#">more</a>
V629 — Primary Case Vehicle Reconstruction Mode	2	CDC & detailed damage	<a href="#">more</a>
V630 — Primary Contacted Vehicle Reconstruction Total EBS	027 kph	—	—
V631 — Primary Contacted Vehicle Reconstruction Longitudinal EBS	-014 kph	—	—
V632 — Primary Contacted Vehicle Reconstruction Lateral EBS	0023 kph	—	—
V633 — Primary Contacted Vehicle Reconstruction Crush Energy	0109 kJ	—	—
V634 — Case Vehicle Secondary Impact Number	2	—	—
V635 — Secondary Case Vehicle Reconstruction Total EBS	999	Unknown	<a href="#">more</a>
V636 — Secondary Case Vehicle Reconstruction Longitudinal EBS	9999	—	—
V637 — Secondary Case Vehicle Reconstruction Lateral EBS	9999	—	—

V638 — Secondary Case Vehicle Reconstruction Crush Energy	9999	—	—
V639 — Secondary Case Vehicle Reconstruction Note	02	Insufficient data	<a href="#">more</a>
V640 — Secondary Case Vehicle Reconstruction Mode	5	Not reconstructed	<a href="#">more</a>
V641 — Secondary Contacted Vehicle Reconstruction Total EBS	999	Unknown	<a href="#">more</a>
V642 — Secondary Contacted Vehicle Reconstruction Longitudinal EBS	9999	—	—
V643 — Secondary Contacted Vehicle Reconstruction Lateral EBS	9999	—	—
V644 — Secondary Contacted Vehicle Reconstruction Crush Energy	9999	—	—
V645 — Case Vehicle Reconstructed Impact Number	1	—	—
V646 — Case Vehicle Impact 1 Plane	1	Bumper	<a href="#">more</a>
V647 — Case Vehicle Impact 1 Direct Damage Length [DDL]	148 cm	—	—
V648 — Case Vehicle Impact 1 Max Crush	029 cm	—	—
V649 — Case Vehicle Impact 1 Field-L	142 cm	—	—
V650 — Case Vehicle Impact 1 C1	015 cm	—	—
V651 — Case Vehicle Impact 1 C2	021 cm	—	—
V652 — Case Vehicle Impact 1 C3	027 cm	—	—
V653 — Case Vehicle Impact 1 C4	012 cm	—	—
V654 — Case Vehicle Impact 1 C5	004 cm	—	—
V655 — Case Vehicle Impact 1 C6	004 cm	—	—
V656 — Case Vehicle Impact 1 +/- D	0000 cm	—	—
V657 — Case Vehicle Reconstructed Impact Number	2	—	—
V658 — Case Vehicle Impact 2 Plane	1	Bumper	<a href="#">more</a>
V659 — Case Vehicle Impact 2 Direct Damage Length [DDL]	999	Unknown	<a href="#">more</a>
V660 — Case Vehicle Impact 2 Max	999	Unknown	<a href="#">more</a>

Crush			
V661 — Case Vehicle Impact 2 Field-L	999	Unknown	<a href="#">more</a>
V662 — Case Vehicle Impact 2 C1	999	Unknown	<a href="#">more</a>
V663 — Case Vehicle Impact 2 C2	999	Unknown	<a href="#">more</a>
V664 — Case Vehicle Impact 2 C3	999	Unknown	<a href="#">more</a>
V665 — Case Vehicle Impact 2 C4	999	Unknown	<a href="#">more</a>
V666 — Case Vehicle Impact 2 C5	999	Unknown	<a href="#">more</a>
V667 — Case Vehicle Impact 2 C6	999	Unknown	<a href="#">more</a>
V668 — Case Vehicle Impact 2 +/- D	0999 cm	—	—
V669 — Other Vehicle Reconstructed Impact Number	1	—	—
V670 — Other Vehicle Impact 1 Plane	4	Above sill	<a href="#">more</a>
V671 — Other Vehicle Impact 1 Direct Damage Length [DDL]	127 cm	—	—
V672 — Other Vehicle Impact 1 Max Crush	057 cm	—	—
V673 — Other Vehicle Impact 1 Field-L	202 cm	—	—
V674 — Other Vehicle Impact 1 C1	048 cm	—	—
V675 — Other Vehicle Impact 1 C2	056 cm	—	—
V676 — Other Vehicle Impact 1 C3	030 cm	—	—
V677 — Other Vehicle Impact 1 C4	002 cm	—	—
V678 — Other Vehicle Impact 1 C5	000 cm	No Crush	<a href="#">more</a>
V679 — Other Vehicle Impact 1 C6	000 cm	No Crush	<a href="#">more</a>
V680 — Other Vehicle Impact 1 +/- D	-164 cm	—	—
V681 — Other Vehicle Reconstructed Impact Number	2	—	—
V682 — Other Vehicle Impact 2 Plane	8	Not applicable	<a href="#">more</a>
V683 — Other Vehicle Impact 2 Direct Damage Length [DDL]	998	Not applicable	<a href="#">more</a>
V684 — Other Vehicle Impact 2 Max Crush	998	Not applicable	<a href="#">more</a>

V685 — Other Vehicle Impact 2 Field-L	998	Not applicable	<a href="#">more</a>
V686 — Other Vehicle Impact 2 C1	998	Not applicable	<a href="#">more</a>
V687 — Other Vehicle Impact 2 C2	998	Not applicable	<a href="#">more</a>
V688 — Other Vehicle Impact 2 C3	998	Not applicable	<a href="#">more</a>
V689 — Other Vehicle Impact 2 C4	998	Not applicable	<a href="#">more</a>
V690 — Other Vehicle Impact 2 C5	998	Not applicable	<a href="#">more</a>
V691 — Other Vehicle Impact 2 C6	998	Not applicable	<a href="#">more</a>
V692 — Other Vehicle Impact 2 +/- D	9998	—	—

## Case Vehicle

### Tires & Rims

Variable Number and Name	Code Value	Code Description	Other Options
V701 — Left Front Wheel Damaged	0	No	<a href="#">more</a>
V702 — Right Front Wheel Damaged	0	No	<a href="#">more</a>
V703 — Right Rear Wheel Damaged	0	No	<a href="#">more</a>
V704 — Left Rear Wheel Damaged	0	No	<a href="#">more</a>
V705 — Left Front Tire Tread Type	4	All Weather	<a href="#">more</a>
V706 — Right Front Tire Tread Type	4	All Weather	<a href="#">more</a>
V707 — Right Rear Tire Tread Type	4	All Weather	<a href="#">more</a>
V708 — Left Rear Tire Tread Type	4	All Weather	<a href="#">more</a>
V709 — Left Front Carcass Construction	3	Radial	<a href="#">more</a>
V710 — Right Front Carcass Construction	3	Radial	<a href="#">more</a>
V711 — Right Rear Carcass Construction	3	Radial	<a href="#">more</a>
V712 — Left Rear Carcass Construction	3	Radial	<a href="#">more</a>
V717 — Left Front Tire Size	P20565R15	—	—
V718 — Right Front Tire Size	P20565R15	—	—
V719 — Right Rear Tire Size	P20565R15	—	—
V720 — Left Rear Tire Size	P20565R15	—	—

## Case Vehicle

### Fuel, Tank, Fire

<b>Variable Number and Name</b>	<b>Code Value</b>	<b>Code Description</b>	<b>Other Options</b>
V801 — Propulsive Fuel Type	1	Gasoline	<a href="#">more</a>
V802 — Main Tank Location	322	Within frame/centered laterally - within vertically	<a href="#">more</a>
V803 — Main Filler Cap Location	133	—	—
V804 — Main Tank Material	1	Steel	<a href="#">more</a>
V805 — Aux Tank Type	8	Not applicable (not equipped)	<a href="#">more</a>
V806 — Aux Tank Location	888	Not applicable (not equipped)	<a href="#">more</a>
V807 — Aux Filler Cap Location	888	Not applicable (not equipped)	<a href="#">more</a>
V808 — Aux Tank Material	8	Not applicable	<a href="#">more</a>
V901 — Fuel Leakage From Crash	0	No	<a href="#">more</a>
V1001 — Fire In Or On Case Vehicle	0	No	<a href="#">more</a>



## Case Vehicle

### Exterior

Variable Number and Name	Code Value	Code Description	Other Options
V1101 — Hood Latch Released	0	No	<a href="#">more</a>
V1102 — Hood Latch Damaged	0	No	<a href="#">more</a>
V1103 — Hood Latch Jammed	8	Not applicable	<a href="#">more</a>
V1104 — Left Hood Hinge Damaged	0	No	<a href="#">more</a>
V1105 — Left Hood Hinge Separated	8	Not applicable	<a href="#">more</a>
V1106 — Right Hood Hinge Damaged	0	No	<a href="#">more</a>
V1107 — Right Hood Hinge Separated	8	Not applicable	<a href="#">more</a>
V1108 — Hood Remained On Vehicle	1	Yes	<a href="#">more</a>
V1109 — Rear Hood Edge Elevated	1	Yes	<a href="#">more</a>
V1110 — Edge Contacted Windshield	1	Yes	<a href="#">more</a>
V1111 — Edge Penetrated Windshield	0	No	<a href="#">more</a>
V1112 — Hood Latch Location	1	Front of Vehicle	<a href="#">more</a>
V1113 — Eng/Transmissn Mount Separation	0	No	<a href="#">more</a>
V1114 — Steerng Column Flex Coupling	9	Unknown if equipped	<a href="#">more</a>
V1115 — Steerng Column Coupling Damaged	9	Unknown	<a href="#">more</a>
V1116 — Steerng Column Coupling Separated	9	Unknown	<a href="#">more</a>
V1117 — Eng Comp Telescopng Unit	88	Not collected	<a href="#">more</a>
V1118 — Comp Orig/Telescopd Diff	888	Not collected	<a href="#">more</a>

V1119 — Left Side Body Mount Separation	8	Not applicable (unitized)	<a href="#">more</a>
V1120 — Upper Left A-pillar Separation	0	No	<a href="#">more</a>
V1121 — Lower Left A-pillar Separation	0	No	<a href="#">more</a>
V1122 — Upper Left B-pillar Separation	0	No	<a href="#">more</a>
V1123 — Lower Left B-pillar Separation	0	No	<a href="#">more</a>
V1124 — Upper Left C-pillar Separation	0	No	<a href="#">more</a>
V1125 — Lower Left C-pillar Separation	0	No	<a href="#">more</a>
V1126 — Upper Left D-pillar Separation	8	Not applicable (not equipped)	<a href="#">more</a>
V1127 — Lower Left D-pillar Separation	8	Not applicable (not equipped)	<a href="#">more</a>
V1128 — Left Front Door Opening Cause	0	Door did not open	<a href="#">more</a>
V1129 — Left Rear Door Opening Cause	0	Door did not open	<a href="#">more</a>
V1130 — Left Front Door Jammed Closed	0	No	<a href="#">more</a>
V1131 — Left Rear Door Jammed Closed	0	No	<a href="#">more</a>
V1132 — Rear Door Type	0	No door (includes pickups)	<a href="#">more</a>
V1133 — Rear Door Opening Cause	8	Not applicable (no rear door)	<a href="#">more</a>
V1134 — Rear Door Jammed Closed	8	Not applicable (no rear door)	<a href="#">more</a>
V1135 — Luggage Partition Damagd	8	Not applicable	<a href="#">more</a>
V1136 — Spare Tire Status	8	Not collected	<a href="#">more</a>
V1137 — Trailer Hitch Type	0	No hitch	<a href="#">more</a>
V1138 — Trailer Type	0	No trailer	<a href="#">more</a>
V1139 — Right Side Body Mount Separation	8	Not applicable (unitized)	<a href="#">more</a>

V1140 — Upper Right A-pillar Separation	0	No	<a href="#">more</a>
V1141 — Lower Right A-pillar Separation	0	No	<a href="#">more</a>
V1142 — Upper Right B-pillar Separation	0	No	<a href="#">more</a>
V1143 — Lower Right B-pillar Separation	0	No	<a href="#">more</a>
V1144 — Upper Right C-pillar Separation	0	No	<a href="#">more</a>
V1145 — Lower Right C-pillar Separation	0	No	<a href="#">more</a>
V1146 — Upper Right D-pillar Separation	8	Not applicable (not equipped)	<a href="#">more</a>
V1147 — Lower Right D-pillar Separation	8	Not applicable (not equipped)	<a href="#">more</a>
V1148 — Right Front Door Opening Cause	00	Door did not open	<a href="#">more</a>
V1149 — Right Rear Door Opening Cause	00	Door did not open	<a href="#">more</a>
V1150 — Right Front Door Jammed Closed	0	No	<a href="#">more</a>
V1151 — Right Rear Door Jammed Closed	0	No	<a href="#">more</a>
V1152 — Van Rear Door Type	8	Not applicable (not a van)	<a href="#">more</a>
V1153 — Windshield Cracked		Yes	<a href="#">more</a>
V1154 — Windshield Broken	0	No	<a href="#">more</a>
V1155 — Windshield Cracked or Broken by Occupant	0	No	<a href="#">more</a>
V1156 — Bond Separation Extent	0	None	<a href="#">more</a>
V1157 — Windshield Code		—	—
V1158 — Did Sun/T Roof Open	8	Not Applicable	<a href="#">more</a>

## Case Vehicle

### Steering

#### Column/Rim

Variable Number and Name	Code Value	Code Description	Other Options
V1201 — Steering Wheel Rim Damage	0	None	<a href="#">more</a>
V1202 — Number of Steering Wheel Spokes	4	4 spokes	<a href="#">more</a>
V1203 — Steering Wheel Spoke Damage	0	None	<a href="#">more</a>
V1204 — Column Tilt Feature	1	Yes, equipped (position unknown)	<a href="#">more</a>
V1205 — Column Swing-away Feature	0	Not equipped	<a href="#">more</a>
V1206 — Column Telescoping Feature	0	Not equipped	<a href="#">more</a>
V1207 — Wheel Energy Absorb Device	8	Not collected	<a href="#">more</a>
V1208 — Wheel Ea Orig/Damaged Diff	888	Not collected	<a href="#">more</a>
V1209 — Column Energy Absorb Device	88	Not collected	<a href="#">more</a>
V1210 — Column Ea Orig/Comprss Diff	888	Not collected	<a href="#">more</a>
V1211 — Shear Capsule Separation	888	Not collected	<a href="#">more</a>
V1212 — Column Vertical Rotation	0	No apparent rotation	<a href="#">more</a>
V1213 — Column Lateral Rotation	0	No apparent rotation	<a href="#">more</a>
V1214 — Steering Wheel Hub Damage	0	None	<a href="#">more</a>

## Case Vehicle

### Intrusion

Variable Number and Name	Code Value	Code Description	Other Options
V1301 — Occupant Compartment Intrusion	0	No	<a href="#">more</a>
V1302 — Was Intrusion Catastrophic	8	Not applicable	<a href="#">more</a>
V1303 — Intrusion Number 01	00	No Intrusion, None	<a href="#">more</a>
V1304 — Intrusion 01 Occupant Space Number	00	No Intrusion, None	<a href="#">more</a>
V1305 — Intrusion 01 Intruding Object	00	No Intrusion, None	<a href="#">more</a>
V1306 — Intrusion 01 Assoc Event Number	0	No Intrusion, None	<a href="#">more</a>
V1307 — Intrusion 01 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1308 — Intrusion 01 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1309 — Intrusion 01 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1310 — Intrusion 01 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1311 — Intrusion 01 Injury Number	00	No injury or no intrusion	<a href="#">more</a>
V1312 — Intrusion 01 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1313 — Intrusion 01 Injury Number	99	Contact, injury unknown or data not collected	<a href="#">more</a>
V1314 — Intrusion Number 02	00	No Intrusion, None	<a href="#">more</a>
V1315 — Intrusion 02 Occupant Space Number	00	No Intrusion, None	<a href="#">more</a>
V1316 — Intrusion 02 Intruding Object	00	No Intrusion, None	<a href="#">more</a>
V1317 — Intrusion 02 Assoc Event Number	0	No Intrusion, None	<a href="#">more</a>

V1318 — Intrusion 02 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1319 — Intrusion 02 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1320 — Intrusion 02 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1321 — Intrusion 02 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1322 — Intrusion 02 Injury Number	00	No injury or no intrusion	<a href="#">more</a>
V1323 — Intrusion 02 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1324 — Intrusion 02 Injury Number	99	Contact, injury unknown or data not collected	<a href="#">more</a>
V1325 — Intrusion Number 03	00	No Intrusion, None	<a href="#">more</a>
V1326 — Intrusion 03 Occupant Space Number	00	No Intrusion, None	<a href="#">more</a>
V1327 — Intrusion 03 Intruding Object	00	No Intrusion, None	<a href="#">more</a>
V1328 — Intrusion 03 Assoc Event Number	0	No Intrusion, None	<a href="#">more</a>
V1329 — Intrusion 03 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1330 — Intrusion 03 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1331 — Intrusion 03 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1332 — Intrusion 03 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1333 — Intrusion 03 Injury Number	00	No injury or no intrusion	<a href="#">more</a>
V1334 — Intrusion 03 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1335 — Intrusion 03 Injury Number	99	Contact, injury unknown or data not collected	<a href="#">more</a>
V1336 — Intrusion Number 04	00	No Intrusion, None	<a href="#">more</a>
V1337 — Intrusion 04 Occupant Space Number	00	No Intrusion, None	<a href="#">more</a>
V1338 — Intrusion 04 Intruding	00	No Intrusion, None	<a href="#">more</a>

Object			
V1339 — Intrusion 04 Assoc Event Number	0	No Intrusion, None	<a href="#">more</a>
V1340 — Intrusion 04 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1341 — Intrusion 04 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1342 — Intrusion 04 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1343 — Intrusion 04 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1344 — Intrusion 04 Injury Number	00	No injury or no intrusion	<a href="#">more</a>
V1345 — Intrusion 04 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1346 — Intrusion 04 Injury Number	99	Contact, injury unknown or data not collected	<a href="#">more</a>
V1347 — Intrusion Number 05	00	No Intrusion, None	<a href="#">more</a>
V1348 — Intrusion 05 Occupant Space Number	00	No Intrusion, None	<a href="#">more</a>
V1349 — Intrusion 05 Intruding Object	00	No Intrusion, None	<a href="#">more</a>
V1350 — Intrusion 05 Assoc Event Number	0	No Intrusion, None	<a href="#">more</a>
V1351 — Intrusion 05 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1352 — Intrusion 05 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1353 — Intrusion 05 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1354 — Intrusion 05 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1355 — Intrusion 05 Injury Number	00	No injury or no intrusion	<a href="#">more</a>
V1356 — Intrusion 05 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1357 — Intrusion 05 Injury Number	99	Contact, injury unknown or data not collected	<a href="#">more</a>
V1358 — Intrusion Number 06	00	No Intrusion, None	<a href="#">more</a>

V1359 — Intrusion 06 Occupant Space Number	00	No Intrusion, None	<a href="#">more</a>
V1360 — Intrusion 06 Intruding Object	00	No Intrusion, None	<a href="#">more</a>
V1361 — Intrusion 06 Assoc Event Number	0	No Intrusion, None	<a href="#">more</a>
V1362 — Intrusion 06 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1363 — Intrusion 06 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1364 — Intrusion 06 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1365 — Intrusion 06 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1366 — Intrusion 06 Injury Number	00	No injury or no intrusion	<a href="#">more</a>
V1367 — Intrusion 06 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1368 — Intrusion 06 Injury Number	99	Contact, injury unknown or data not collected	<a href="#">more</a>
V1369 — Intrusion Number 07	00	No Intrusion, None	<a href="#">more</a>
V1370 — Intrusion 07 Occupant Space Number	00	No Intrusion, None	<a href="#">more</a>
V1371 — Intrusion 07 Intruding Object	00	No Intrusion, None	<a href="#">more</a>
V1372 — Intrusion 07 Assoc Event Number	0	No Intrusion, None	<a href="#">more</a>
V1373 — Intrusion 07 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1374 — Intrusion 07 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1375 — Intrusion 07 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1376 — Intrusion 07 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1377 — Intrusion 07 Injury Number	00	No injury or no intrusion	<a href="#">more</a>
V1378 — Intrusion 07 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>



V1379 — Intrusion 07 Injury Number	99	Contact, injury unknown or data not collected	<a href="#">more</a>
V1380 — Intrusion Number 08	00	No Intrusion, None	<a href="#">more</a>
V1381 — Intrusion 08 Occupant Space Number	00	No Intrusion, None	<a href="#">more</a>
V1382 — Intrusion 08 Intruding Object	00	No Intrusion, None	<a href="#">more</a>
V1383 — Intrusion 08 Assoc Event Number	0	No Intrusion, None	<a href="#">more</a>
V1384 — Intrusion 08 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1385 — Intrusion 08 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1386 — Intrusion 08 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1387 — Intrusion 08 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1388 — Intrusion 08 Injury Number	00	No injury or no intrusion	<a href="#">more</a>
V1389 — Intrusion 08 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1390 — Intrusion 08 Injury Number	99	Contact, injury unknown or data not collected	<a href="#">more</a>
V1391 — Intrusion Number 09	00	No Intrusion, None	<a href="#">more</a>
V1392 — Intrusion 09 Occupant Space Number	00	No Intrusion, None	<a href="#">more</a>
V1393 — Intrusion 09 Intruding Object	00	No Intrusion, None	<a href="#">more</a>
V1394 — Intrusion 09 Assoc Event Number	0	No Intrusion, None	<a href="#">more</a>
V1395 — Intrusion 09 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1396 — Intrusion 09 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1397 — Intrusion 09 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1398 — Intrusion 09 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1399 — Intrusion 09 Injury	00	No injury or no intrusion	<a href="#">more</a>

Number			
V1400 — Intrusion 09 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1401 — Intrusion 09 Injury Number	99	Contact, injury unknown or data not collected	<a href="#">more</a>
V1402 — Intrusion Number 10	00	No Intrusion, None	<a href="#">more</a>
V1403 — Intrusion 10 Occupant Space Number	00	No Intrusion, None	<a href="#">more</a>
V1404 — Intrusion 10 Intruding Object	00	No Intrusion, None	<a href="#">more</a>
V1405 — Intrusion 10 Assoc Event Number	0	No Intrusion, None	<a href="#">more</a>
V1406 — Intrusion 10 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1407 — Intrusion 10 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1408 — Intrusion 10 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1409 — Intrusion 10 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1410 — Intrusion 10 Injury Number	00	No injury or no intrusion	<a href="#">more</a>
V1411 — Intrusion 10 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1412 — Intrusion 10 Injury Number	99	Contact, injury unknown or data not collected	<a href="#">more</a>
V1413 — Door Intrusion Number 01	88	Not Applicable	<a href="#">more</a>
V1414 — Door Intrusion Number 01 Cause	8	Not applicable	<a href="#">more</a>
V1415 — Door Intrusion Number 02	88	Not Applicable	<a href="#">more</a>
V1416 — Door Intrusion Number 02 Cause	8	Not applicable	<a href="#">more</a>
V1417 — Door Intrusion Number 03	88	Not Applicable	<a href="#">more</a>
V1418 — Door Intrusion Number 03 Cause	8	Not applicable	<a href="#">more</a>
V1419 — Door Intrusion 01	88	Not Applicable	<a href="#">more</a>

Component			
V1420 — Door Intrusion 01 Component Damaged 1	8	Not Applicable	<a href="#">more</a>
V1421 — Door Intrusion 01 Component Damaged 2	8	Not Applicable	<a href="#">more</a>
V1422 — Door Intrusion 02 Component	88	Not Applicable	<a href="#">more</a>
V1423 — Door Intrusion 02 Component Damaged 1	8	Not Applicable	<a href="#">more</a>
V1424 — Door Intrusion 02 Component Damaged 2	8	Not Applicable	<a href="#">more</a>
V1425 — Door Intrusion 03 Component	88	Not Applicable	<a href="#">more</a>
V1426 — Door Intrusion 03 Component Damaged 1	8	Not Applicable	<a href="#">more</a>
V1427 — Door Intrusion 03 Component Damaged 2	8	Not Applicable	<a href="#">more</a>
V1428 — Door Intrusion 04 Component	88	Not Applicable	<a href="#">more</a>
V1429 — Door Intrusion 04 Component Damaged 1	8	Not Applicable	<a href="#">more</a>
V1430 — Door Intrusion 04 Component Damaged 2	8	Not Applicable	<a href="#">more</a>

## Case Vehicle

### Airbag(s)

Variable Number and Name	Code Value	Code Description	Other Options
V1501 — Driver Airbag Equipped	1	Yes	<a href="#">more</a>
V1502 — Driver Airbag Deployed	1	Yes	<a href="#">more</a>
V1503 — Driver Airbag Condition	0	No Damage	<a href="#">more</a>
V1504 — Passenger Airbag Equip	1	Yes	<a href="#">more</a>
V1505 — Passenger Airbag Deployed	1	Yes	<a href="#">more</a>
V1506 — Passenger Airbag Condition	0	No Damage	<a href="#">more</a>
V1507 — Steering Wheel Airbag Tether	1	Yes	<a href="#">more</a>
V1508 — Driver Airbag Marked By Contact	0	No	<a href="#">more</a>
V1509 — Passenger Airbag Tether	0	No	<a href="#">more</a>
V1510 — Passenger Airbag Marked By Contact	0	No	<a href="#">more</a>

## Case Vehicle

### Interior

Variable Number and Name	Code Value	Code Description	Other Options
V1601 — Left Front Door Damaged	0	No	<a href="#">more</a>
V1602 — Right Front Door Damaged	0	No	<a href="#">more</a>
V1603 — Left Front Hardware Damaged	0	No	<a href="#">more</a>
V1604 — Right Front Hardware Damaged	0	No	<a href="#">more</a>
V1605 — Left Front Armrest Damaged	0	No	<a href="#">more</a>
V1606 — Right Front Armrest Damaged	0	No	<a href="#">more</a>
V1607 — Left Front Glass Damaged	0	No	<a href="#">more</a>
V1608 — Right Front Glass Damaged	0	No	<a href="#">more</a>
V1609 — Left Rear Door Area Damaged	0	No	<a href="#">more</a>
V1610 — Right Rear Door Area Damaged	0	No	<a href="#">more</a>
V1611 — Left Rear Hardware Damaged	0	No	<a href="#">more</a>
V1612 — Right Rear Hardware Damaged	0	No	<a href="#">more</a>
V1613 — Left Rear Armrest Damaged	0	No	<a href="#">more</a>
V1614 — Right Rear Armrest Damaged	0	No	<a href="#">more</a>
V1615 — Left Rear Glass Damaged	0	No	<a href="#">more</a>
V1616 — Right Rear Glass Damaged	0	No	<a href="#">more</a>
V1617 — Left Roof Side Rail Damaged	0	No	<a href="#">more</a>
V1618 — Right Roof Side Rail Damaged	0	No	<a href="#">more</a>
V1619 — Left B-pillar Damaged	0	No	<a href="#">more</a>
V1620 — Right B-pillar Damaged	0	No	<a href="#">more</a>
V1621 — Left C-pillar Damaged	0	No	<a href="#">more</a>
V1622 — Right C-pillar Damaged	0	No	<a href="#">more</a>
V1623 — Left D-pillar Damaged	8	Not applicable	<a href="#">more</a>
V1624 — Right D-pillar Damaged	8	Not applicable	<a href="#">more</a>

V1625 — Left Headlining Damaged	0	No	<a href="#">more</a>
V1626 — Right Headlining Damaged	0	No	<a href="#">more</a>
V1627 — Left Roof Structure Damaged	0	No	<a href="#">more</a>
V1628 — Right Roof Structure Damaged	0	No	<a href="#">more</a>
V1629 — Left T/Sun Roof Damaged	8	Not applicable	<a href="#">more</a>
V1630 — Right T/Sun Roof Damaged	8	Not applicable	<a href="#">more</a>
V1631 — Other Left Side Item Damagd	8	Not applicable	<a href="#">more</a>
V1632 — Other Right Side Item Damagd	8	Not applicable	<a href="#">more</a>
V1633 — Foot Controls Damaged	0	No	<a href="#">more</a>
V1634 — Ignition Key Damaged	0	No	<a href="#">more</a>
V1635 — Rear View Mirror Damaged	0	No	<a href="#">more</a>
V1636 — Sunvisor/Fitting Damaged	0	No	<a href="#">more</a>
V1637 — Windshield Molding Damaged	0	No	<a href="#">more</a>
V1638 — Left A-pillar Damaged	0	No	<a href="#">more</a>
V1639 — Right A-pillar Damaged	0	No	<a href="#">more</a>
V1640 — Center Console Damaged	0	No	<a href="#">more</a>
V1641 — Transmission Lever Damaged	0	No	<a href="#">more</a>
V1642 — Horn/Spoke Shroud Damaged	0	No	<a href="#">more</a>
V1643 — Upper Panel Damaged	0	No	<a href="#">more</a>
V1644 — Mid Panel Damaged	0	No	<a href="#">more</a>
V1645 — Lower Panel Damaged	3	No, occupant contact	<a href="#">more</a>
V1646 — Ashtray Damaged	0	No	<a href="#">more</a>
V1647 — Control Knob/Lever Damaged	0	No	<a href="#">more</a>
V1648 — Glove Compartment Area Damaged	0	No	<a href="#">more</a>
V1649 — Instruments Damaged	0	No	<a href="#">more</a>
V1650 — Park Brake Release Damaged	0	No	<a href="#">more</a>
V1651 — Park Brake Pedal Damaged	0	No	<a href="#">more</a>
V1652 — A/C Or Upper Vent Damaged	0	No	<a href="#">more</a>
V1653 — Heater Or A/C Duct Damaged	0	No	<a href="#">more</a>

V1654 — Radio Damaged	0	No	<a href="#">more</a>
V1655 — Other Item Damaged	8	Not applicable	<a href="#">more</a>
V1656 — Rear Window Damaged	0	No	<a href="#">more</a>
V1657 — Rear Window Header Damaged	0	No	<a href="#">more</a>
V1658 — Vertical Console Damaged	0	No	<a href="#">more</a>
V1659 — Roof Console Damaged	8	Not applicable	<a href="#">more</a>

## Case Vehicle

### Seats

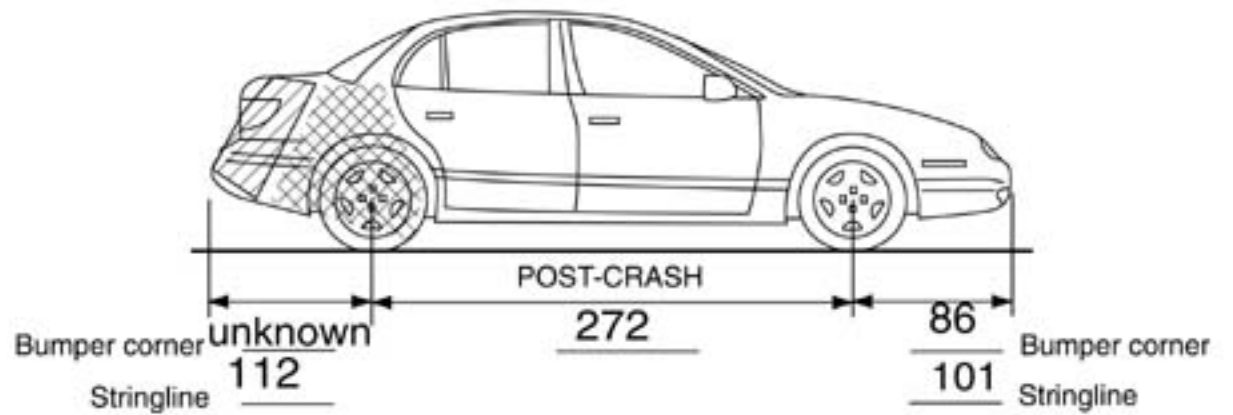
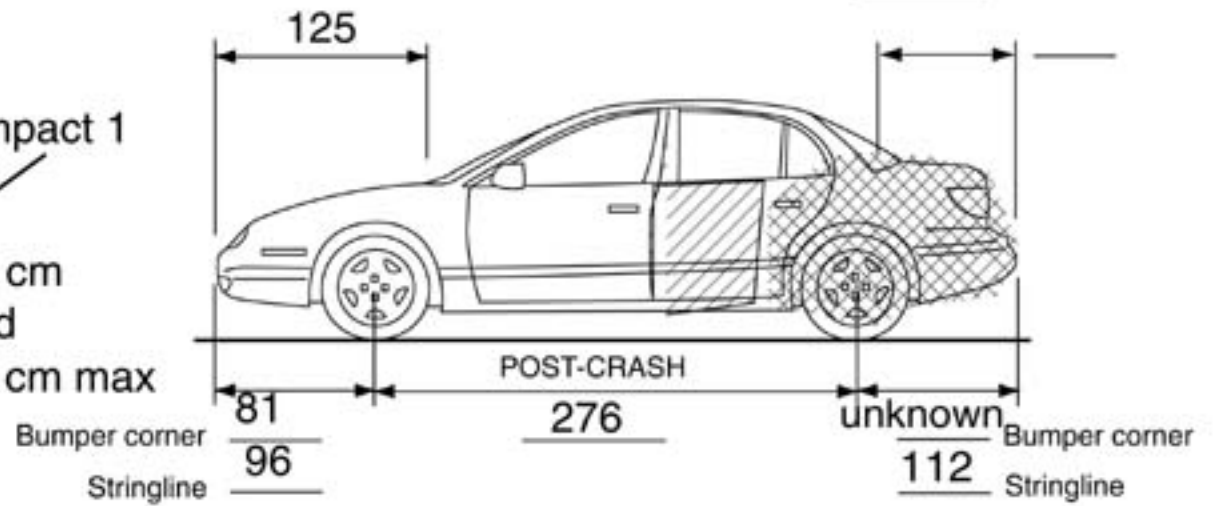
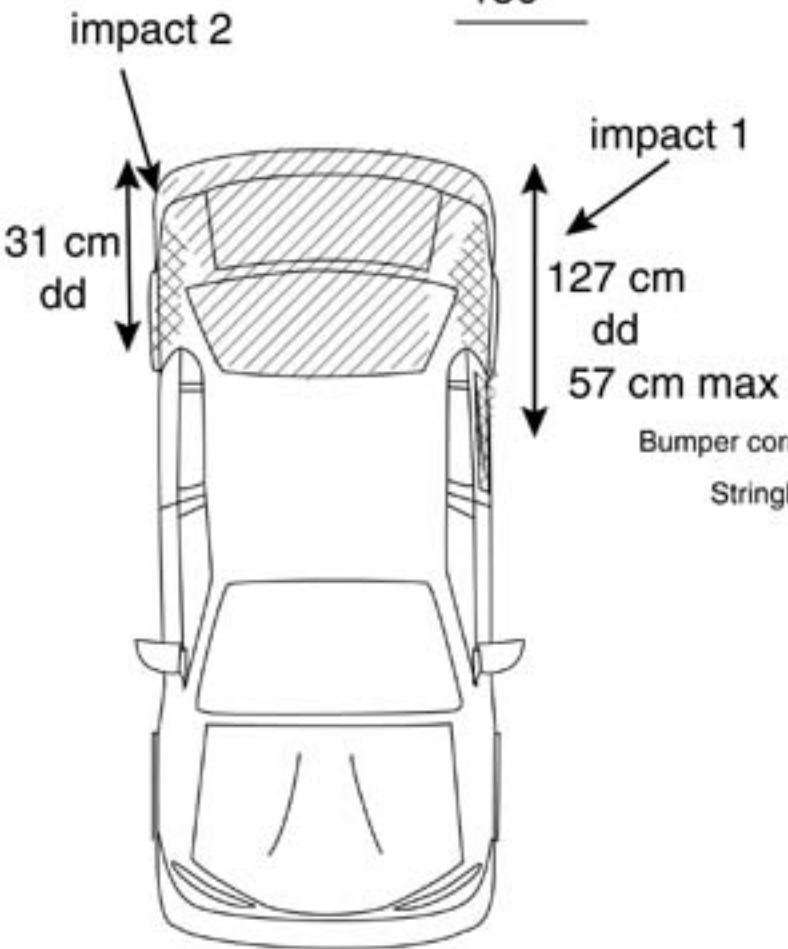
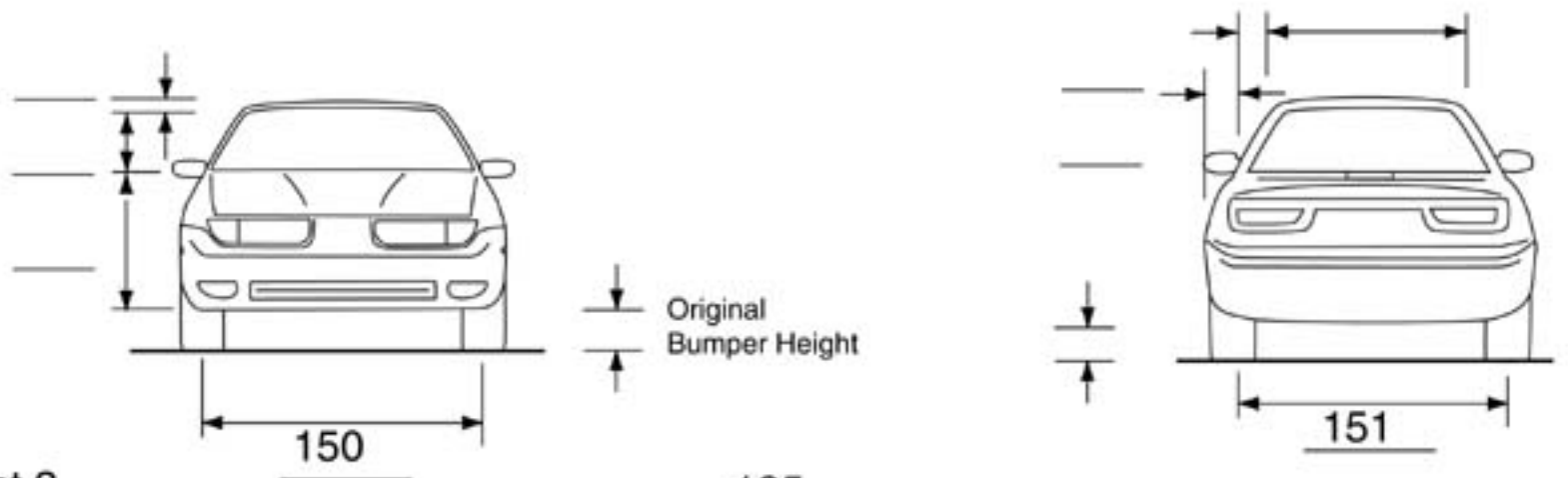
Variable Number and Name	Code Value	Code Description	Other Options
V1701 — Driver Front Seat Type	05	Bucket	<a href="#">more</a>
V1702 — Passenger Front Seat Type	05	Bucket	<a href="#">more</a>
V1703 — Driver Seat Mount Type	1	Standard	<a href="#">more</a>
V1704 — Passenger Seat Mount Type	1	Standard	<a href="#">more</a>
V1705 — Driver Swivel Mechanism Equipped	0	No	<a href="#">more</a>
V1706 — Passenger Swivel Mechanism Equipped	0	No	<a href="#">more</a>
V1707 — Driver Seat Original Equipment	1	Yes	<a href="#">more</a>
V1708 — Passenger Seat Original Equipment	1	Yes	<a href="#">more</a>
V1709 — Driver Seat/Rear Occupant Contact	8	Not applicable	<a href="#">more</a>
V1710 — Passenger Seat/Rear Occupant Contact	8	Not applicable	<a href="#">more</a>
V1711 — Driver Seat Damage	0	None	<a href="#">more</a>
V1712 — Passenger Seat Damage	0	None	<a href="#">more</a>
V1713 — Center Front Armrest Damaged	0	No	<a href="#">more</a>
V1714 — Driver Seat Rotation	0	None apparent	<a href="#">more</a>
V1715 — Passenger Seat Rotation	0	None apparent	<a href="#">more</a>
V1716 — Driver Seat-back Type	3	Reclining	<a href="#">more</a>
V1717 — Passenger Seat-back Type	3	Reclining	<a href="#">more</a>
V1718 — Driver Seat-back Lock Type	1	Manual	<a href="#">more</a>
V1719 — Passenger Seat-back Lock Type	1	Manual	<a href="#">more</a>
V1720 — Driver Seat-back Lock Held	1	Yes	<a href="#">more</a>
V1721 — Passenger Seat-back Lock Held	1	Yes	<a href="#">more</a>
V1722 — Driver Recliner Mechanism Held	1	Yes	<a href="#">more</a>
V1723 — Passenger Recliner Mechanism Held	1	Yes	<a href="#">more</a>



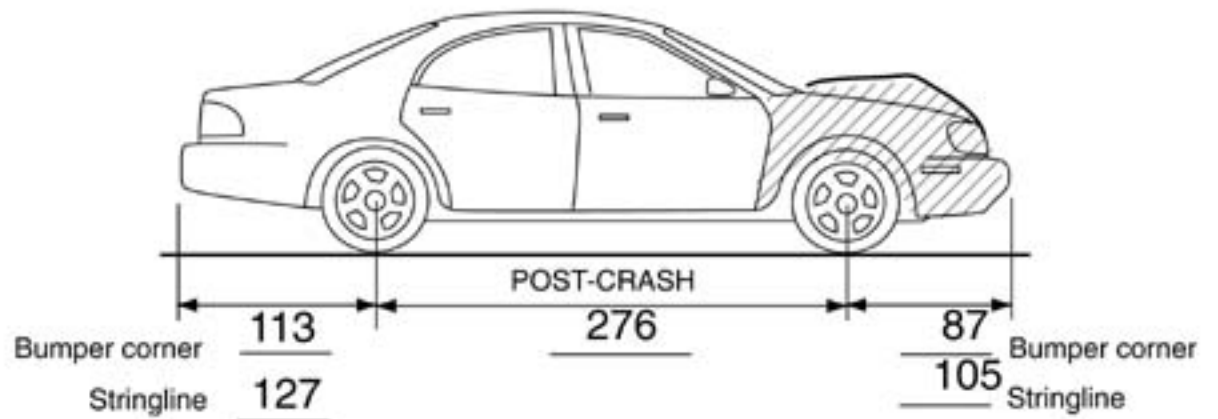
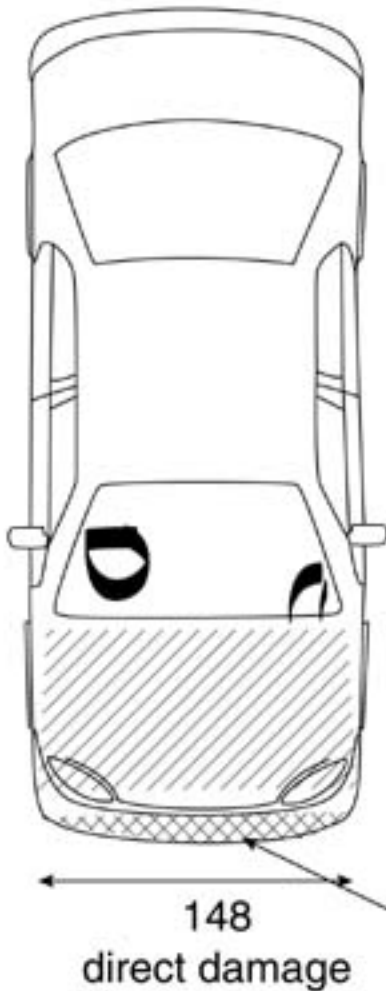
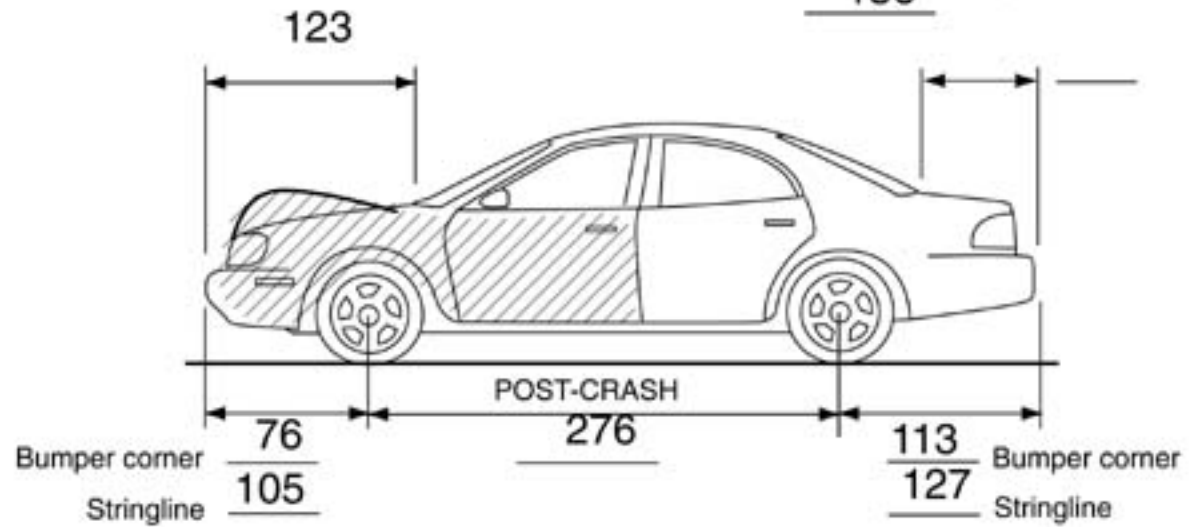
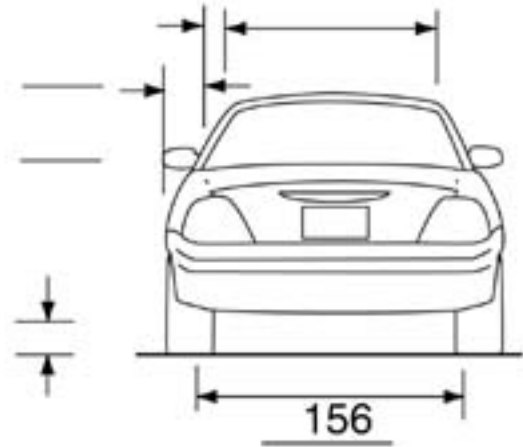
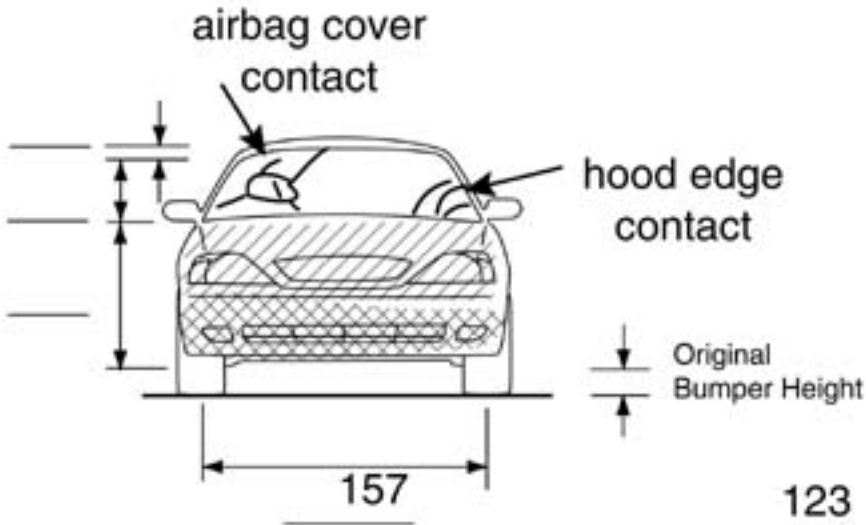
V1724 — Driver Head Restraint Type	1	Adjustable	<a href="#">more</a>
V1725 — Passenger Head Restraint Type	1	Adjustable	<a href="#">more</a>
V1726 — Driver Head Rest Removed	0	No	<a href="#">more</a>
V1727 — Passenger Head Rest Removed	0	No	<a href="#">more</a>
V1728 — Driver Head Rest Adjustment	2	Down	<a href="#">more</a>
V1729 — Passenger Head Rest Adjustment	2	Down	<a href="#">more</a>
V1730 — Driver Head Rest Damage	0	None	<a href="#">more</a>
V1731 — Passenger Head Rest Damage	0	None	<a href="#">more</a>
V1732 — Driver Seat Adjustment Type	1	Manual	<a href="#">more</a>
V1733 — Passenger Seat Adjustment Type	1	Manual	<a href="#">more</a>
V1734 — Driver Seat Adjustment Provided	1	2-way	<a href="#">more</a>
V1735 — Passenger Seat Adjustment Provided	1	2-way	<a href="#">more</a>
V1736 — Driver Seat Adjuster Damage	0	None	<a href="#">more</a>
V1737 — Passenger Seat Adjuster Damage	0	None	<a href="#">more</a>
V1738 — Driver Seat Adjuster Separation	8	Not applicable	<a href="#">more</a>
V1739 — Passenger Seat Adjuster Separation	8	Not applicable	<a href="#">more</a>
V1740 — Driver Seat Pre-crash Position	3	Rearward	<a href="#">more</a>
V1741 — Passenger Seat Pre-crash Position	3	Rearward	<a href="#">more</a>
V1742 — Left Rear Seat Type	6	Luggage area access panel	<a href="#">more</a>
V1743 — Right Rear Seat Type	6	Luggage area access panel	<a href="#">more</a>
V1744 — Left Rear Seat Damaged	0	None	<a href="#">more</a>
V1745 — Right Rear Seat Damaged	0	None	<a href="#">more</a>
V1746 — Center Rear Armrest Damaged	8	Not applicable (No Center Armrest)	<a href="#">more</a>
V1747 — Left Rear Seat-back Left Lock Equipped	8	Not applicable	<a href="#">more</a>
V1748 — Right Rear Seat-back Left Lock Equipped	8	Not applicable	<a href="#">more</a>
V1749 — Left Rear Seat-back Left Lock Held	8	Not applicable	<a href="#">more</a>
V1750 — Right Rear Seat-back Left Lock Held	8	Not applicable	<a href="#">more</a>

V1751 — Left Rear Seat-back Right Lock Equipped	8	Not applicable	<a href="#">more</a>
V1752 — Right Rear Seat-back Right Lock Equipped	8	Not applicable	<a href="#">more</a>
V1753 — Left Rear Seat-back Right Lock Held	8	Not applicable	<a href="#">more</a>
V1754 — Right Rear Seat-back Right Lock Held	8	Not applicable	<a href="#">more</a>
V1755 — Left 3rd Seat Equipped	0	No	<a href="#">more</a>
V1756 — Right 3rd Seat Equipped	0	No	<a href="#">more</a>
V1757 — Left 3rd Seat Backrest Damaged	8	Not applicable	<a href="#">more</a>
V1758 — Right 3rd Seat Backrest Damaged	8	Not applicable	<a href="#">more</a>
V1759 — Left 3rd Seat Cushion Damaged	8	Not applicable	<a href="#">more</a>
V1760 — Right 3rd Seat Cushion Damaged	8	Not applicable	<a href="#">more</a>
V1761 — Rear Head Restraints	1	Equipped	<a href="#">more</a>

MEASUREMENTS IN CENTIMETERS



MEASUREMENTS IN CENTIMETERS



max crush is  
29 cm (17 cm from C2)

# WINDSHIELD MARK ON CASE VEHICLE:

SOLAR TINT TM



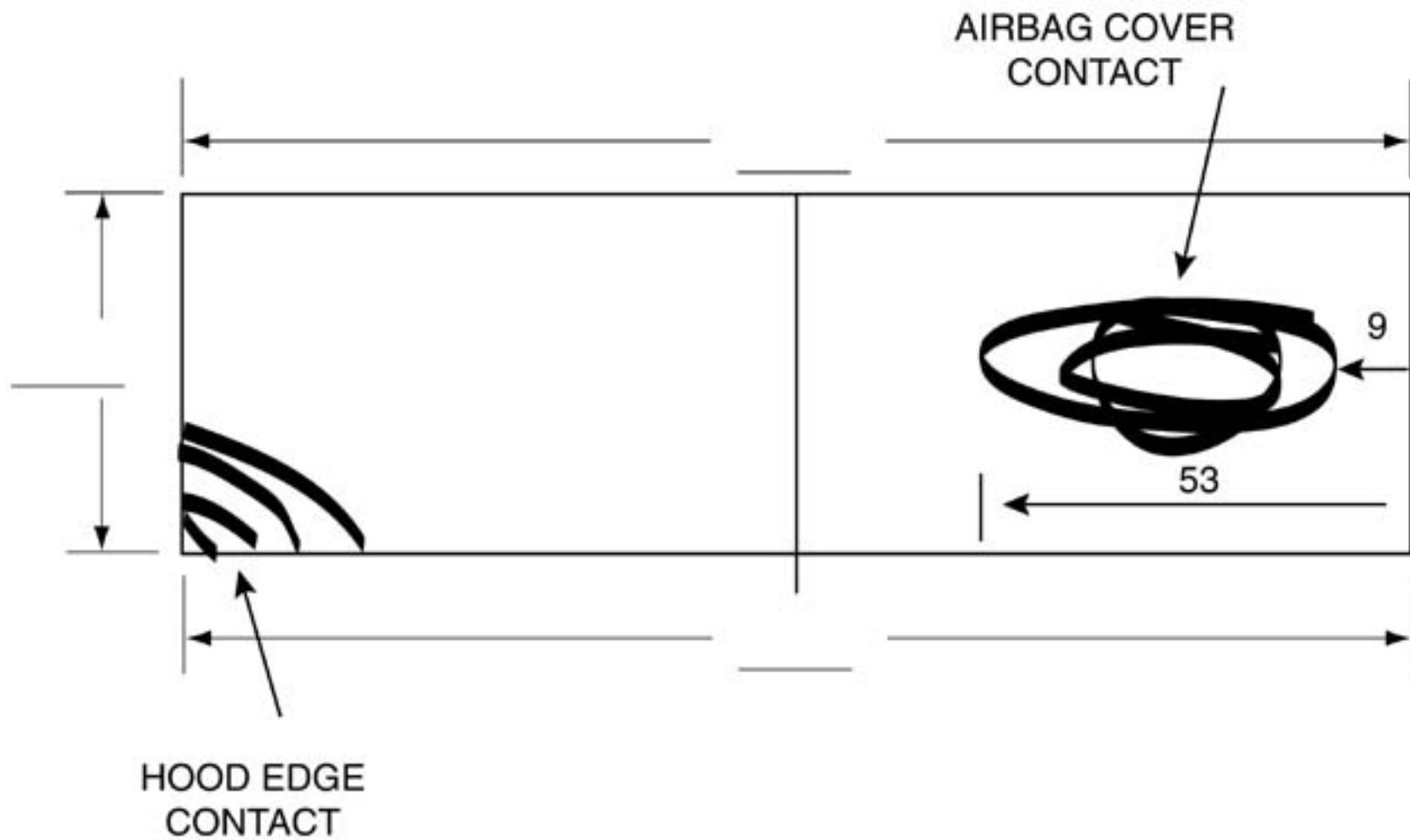
Ⓚ LAMINATED Ⓚ

SUNVISOR AS1

DOT-75 FM-M179

8 G

DW1218



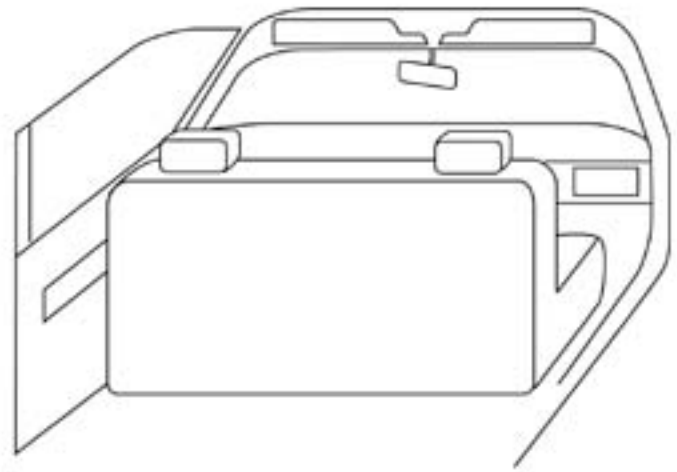
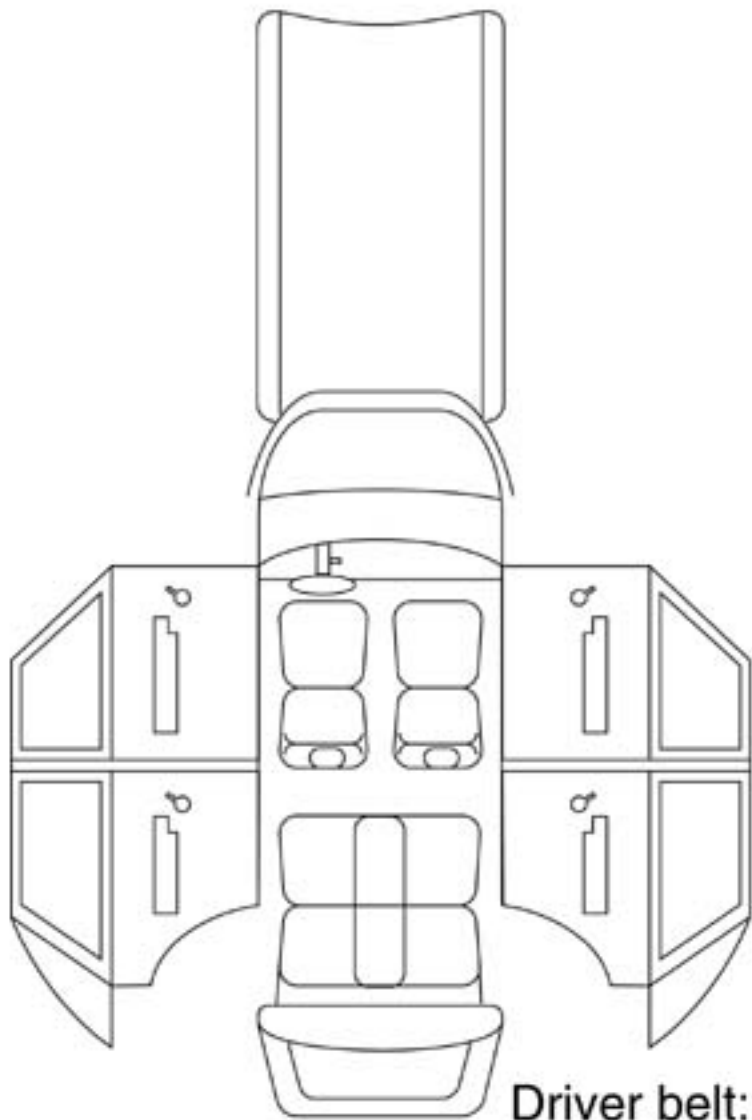
1 = Definitely 2 = Probably 3 = Possible

INTRUSION IT-1

Location of Intrusion	Intruded Component	(All Measurements Are in Centimeters)			Dominant Crush Direction
		Comparison Value	Intruded Value	Intrusion	
		-		=	
		-		=	
		-		=	
		-		=	
		-		=	
		-		=	
		-		=	
		-		=	
		-		=	
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		-		=	
		-		=	

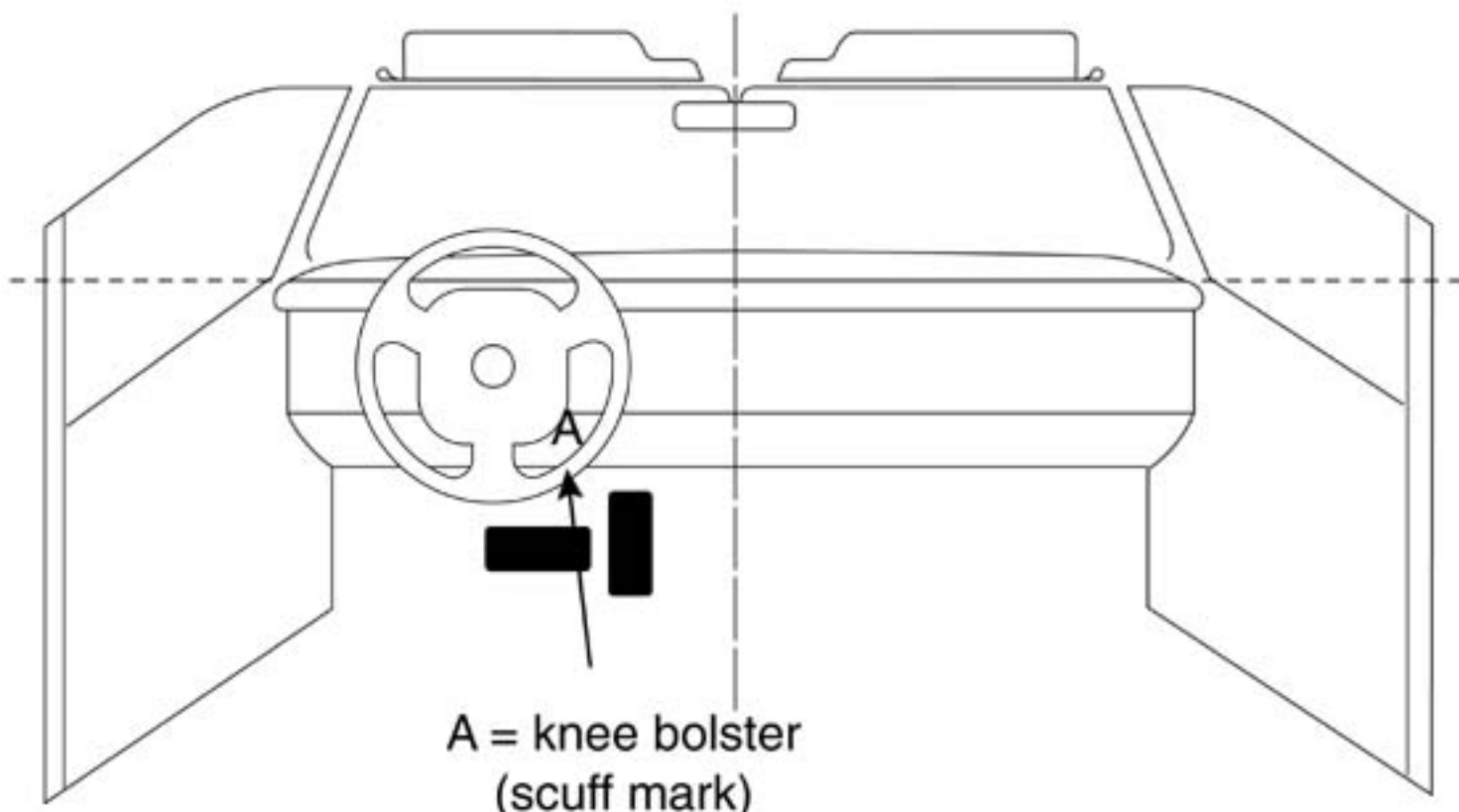
OCCUPANT CONTACT WORKSHEET

Contact	Interior Component Contacted	Occupant No. if Known	Body Region if Known	Supporting Physical Evidence	Confidence Level of Contact Point
A	Knee bolster	1	Knee	Scuff mark	1
B					
C					
D					
E					
F					
G					
H					
I					
J					
K					
L					



Driver belt: No visible evidence of use on  
D-ring or belt webbing

adjusted to mid-to-upper position on B-pillar

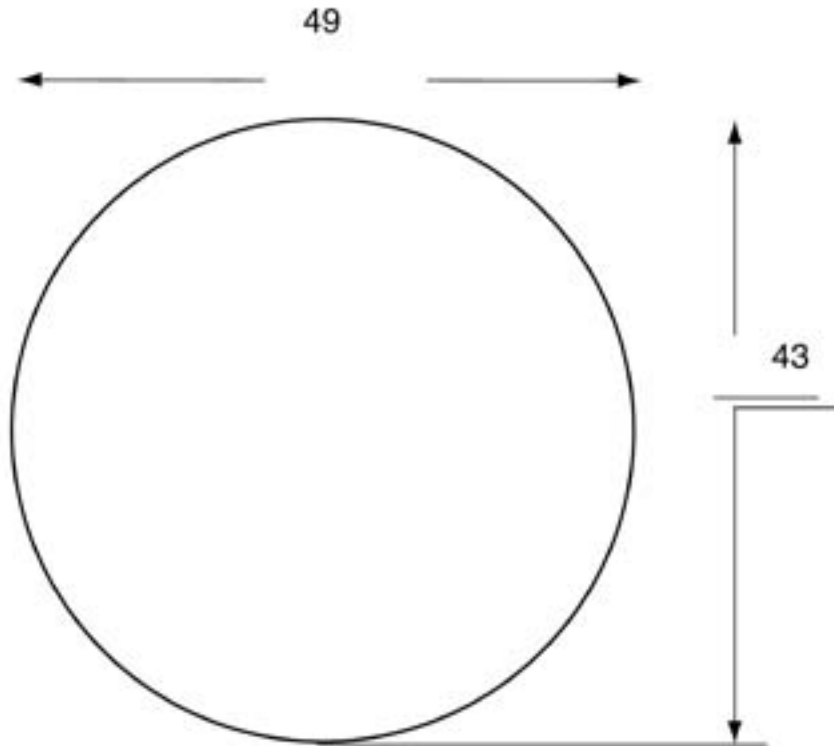


A = knee bolster  
(scuff mark)

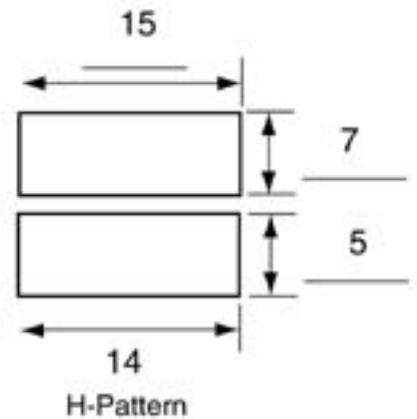


**Driver Airbag**

AIRBAG NUMBER ON DRIVER SIDE:



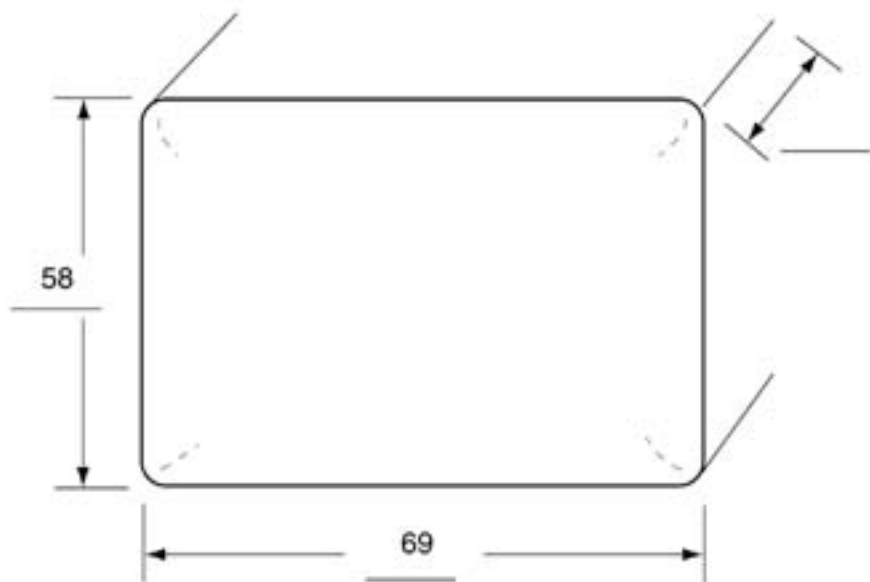
**Driver Airbag Doors**



Vents:  Y  N 2  
if yes, how many: \_\_\_\_\_

Tethers:  Y  N 1  
if yes, how many: \_\_\_\_\_

### Passenger Airbag

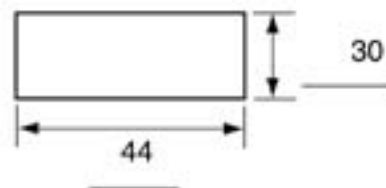


Vents:  Y  N  
if yes, how many: 2

Tethers: Y  N  
if yes, how many: \_\_\_\_\_

### Passenger Airbag Doors

#### Single Door



# Case # 238: Occupant # 1; Injury # 1

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	01	Injury #1	<a href="#">more</a>
V2102 — 1st Prob Contact Area	98	Impact force, "whiplash", hyperextension/ compression	<a href="#">more</a>
V2103 — 2nd Prob Contact Area	00	No Contact/not applicable	<a href="#">more</a>
V2104 — Primary OIC -body Region	02	Back	<a href="#">more</a>
V2105 — Primary OIC -aspect	19	Superior/upper	<a href="#">more</a>
V2106 — Primary OIC -lesion	20	Strain	<a href="#">more</a>
V2107 — Primary OIC -system/Organ	13	Muscles	<a href="#">more</a>
V2108 — Primary OIC -severity	1	Minor	<a href="#">more</a>
V2109 — Primary OIC	BSTM1	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	<a href="#">more</a>
V2111 — Assoc OIC 1 -aspect	99	No injury	<a href="#">more</a>
V2112 — Assoc OIC 1 -lesion	99	No injury	<a href="#">more</a>
V2113 — Assoc OIC 1 -system/Organ	99	No injury	<a href="#">more</a>
V2114 — Assoc OIC 1 -severity	9	Unknown	<a href="#">more</a>
V2115 — Assoc OIC 1	—	—	—

## Case # 238: Occupant # 1; Injury # 2

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	02	Injury #2	<a href="#">more</a>
V2102 — 1st Prob Contact Area	98	Impact force, "whiplash", hyperextension/ compression	<a href="#">more</a>
V2103 — 2nd Prob Contact Area	00	No Contact/not applicable	<a href="#">more</a>
V2104 — Primary OIC -body Region	02	Back	<a href="#">more</a>
V2105 — Primary OIC -aspect	09	Inferior/lower	<a href="#">more</a>
V2106 — Primary OIC -lesion	20	Strain	<a href="#">more</a>
V2107 — Primary OIC -system/Organ	13	Muscles	<a href="#">more</a>
V2108 — Primary OIC -severity	1	Minor	<a href="#">more</a>
V2109 — Primary OIC	BITM1	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	<a href="#">more</a>
V2111 — Assoc OIC 1 -aspect	99	No injury	<a href="#">more</a>
V2112 — Assoc OIC 1 -lesion	99	No injury	<a href="#">more</a>
V2113 — Assoc OIC 1 -system/Organ	99	No injury	<a href="#">more</a>
V2114 — Assoc OIC 1 -severity	9	Unknown	<a href="#">more</a>
V2115 — Assoc OIC 1	—	—	—

# Case # 238: Occupant # 1

Variable Number and Name	Code Value	Code Description	Other Options
V2001 — Occupant Number	01	Occupant #1	<a href="#">more</a>
V2002 — Occupant Role At 1st Impact	1	Motor vehicle driver	<a href="#">more</a>
V2003 — Occupant Position -row	1	1st row	<a href="#">more</a>
V2004 — Occupant Position -lateral	1	Left	<a href="#">more</a>
V2005 — Occupant Position -posture	10	Sitting on seat	<a href="#">more</a>
V2006 — Occupant Age In Years	33	—	—
V2007 — Occupant Age In Months	25	25 months or older	<a href="#">more</a>
V2008 — Occupant Mass	079 kg	—	—
V2009 — Occupant Height	178 cm	—	—
V2010 — Occupant Sex	1	Male	<a href="#">more</a>
V2011 — Occupant Treatment/Mortality	02	Treated at hospital/clinic but not admitted	<a href="#">more</a>
V2012 — Injury Severity Score	02	ISS 2	<a href="#">more</a>
V2013 — Non-impact Med Condition	0	None	<a href="#">more</a>
V2014 — Police Injury Severity	3	A - Incapacitating Injury	<a href="#">more</a>
V2015 — Active Restraint System	3	Both lap belt and shoulder harness	<a href="#">more</a>
V2016 — Active Restraint Usage	0	None (available but not used)	<a href="#">more</a>
V2017 — Passive Restraint System	1	Air bag installed	<a href="#">more</a>
V2018 — Passive Restraint Usage	2	Air bag deployed	<a href="#">more</a>
V2019 — Child Seat Type	88	Not applicable (adult or older child)	<a href="#">more</a>
V2020 — Occupant Ejection Degree	0	None	<a href="#">more</a>
V2021 — Occupant Ejection Area	98	Not applicable (not ejected)	<a href="#">more</a>
V2022 — Highest OIC Severity	1	Minor	<a href="#">more</a>

V2023 — Head Restraint Available	1	Equipped	<a href="#">more</a>
V2024 — Occupant Eyewear	0	None	<a href="#">more</a>
V2025 — Source of Occupant Info	7	Combination of above	<a href="#">more</a>









651  
6/11/04  
6/11/04  
6/11/04

651







99902  
A115









CRASH TEST  
#1000  
#1000  
#1000

887





























99902

A115





20999

ALL

*Malibu LS*















651

MAX  
2002  
2002  
2002









651

10-11-09  
11:30 AM  
11/11/09  
11:30 AM  
11/11/09  
11:30 AM



99109  
① All  
Aecisaal  
XPR4



651





651

































657









651







651







**A WARNING**  
DO NOT REMOVE OR ALTER THIS LABEL



651  
651





**WARNING**  
Do not use this sun visor as a restraint or to restrain a child. Use only as directed. Failure to use properly may result in injury or death.



WARNING

WARNING



051  
651





**WARNING**

651

















